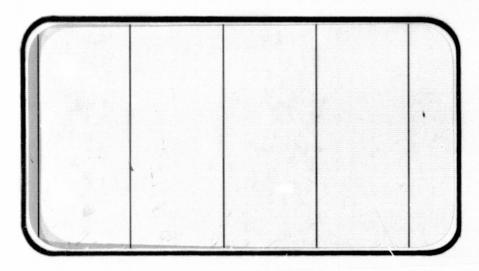
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## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



(NASA-CR-147643) MATED AERODYNAMIC CHARACTERISTICS INVESTIGATION FOR THE C.04 SCALE MODEL TE 1065 (BOEING 747-100) OF THE 747 CAM AND THE 0.0405 SCALE MODEL (43-0) OF THE SPACE SHUTTLE ORBITER IN THE (Chrysler G3/16 N77-15083 Hc A99 MF A01 Unclas 54592

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER
CORPORATION



DMS-DR-2290 · NASA CR-147,643

VOLUME 3

MATED AERODYNAMIC CHARACTERISTICS INVESTIGATION

FOR THE 0.04 SCALE MODEL TE 1065 (BOEING 747-100)

OF THE 747 CAM AND THE 0.0405 SCALE MODEL (43-0) OF

THE SPACE SHUTTLE ORBITER IN THE NASA LANGLEY

V/STOL TRANSITION RESEARCH WIND TUNNEL (CA8)

Ъу

747 Aerodynamics, 747 Flight Controls and Wind Tunnel Test Staff The Boeing Co.

Prepared under NASA Contract Number NAS9-13247

Ъу

Data Management Services Chrysler Corporation Space Division New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas



#### WIND TUNNEL TEST SPECIFICS:

Test Number: Larc V/STOL 129

NASA Series Number: CA8

Model Number: TE 1065 (Boeing 747-100), 43-0 (ORBITER)

Test Dates: August 19 through September 11. 1975

Occupancy Hours: 268

#### FACILITY COORDINATOR:

Bernard Spencer. Jr. Mail Stop 411 Langley Research Center Hampton. Va. 23665

Phone: (804) 827-3911

#### PROJECT ENGINEER:

#### AERODYNAMIC ANALYSIS ENGINEERS:

R. D. Knudsen J. Louisse J. H. Walter ORGN. B-8342, MS IW-82 MS OL-23 MS OL-21 The Boeing Co. The Boeing Co. The Boeing Co. P. O. Box 3707 P.O. Box 3707 P. O. Box 3707 Seattle, Wash. 98124 Seattle, Wash. 98124

Seattle, Wash. 98124 Phone: (206) 342-1112

#### DATA MANAGEMENT SERVICES

Prepared by: Idaison -- D. A. Sarver

Phone: (206) 655-0788

Operations -- G. W. Klug

Reviewed by: D. E. Poucher

J. J. Slynn Manager Data Operations

Concurrence:

N. D. Kemp, Manager

Data Management Services

Phone: (206) 342-1700

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MATED AERODYNAMIC CHARACTERISTICS INVESTIGATION
FOR THE 0.04 SCALE MODEL TE 1065 (BOEING 747-100)
OF THE 747 CAM AND THE 0.0405 SCALE MODEL (43-0) OF
THE SPACE SHUTTLE ORBITER IN THE NASA LANGLEY
V/STOL TRANSITION RESEARCH WIND TUNNEL (CA8)

bу

747 Aerodynamics, 747 Flight Controls and Wind Tunnel Test Staff
The Boeing Co.

#### ABSTRACT

This report contains data obtained in the NASA Langley V/STOL Transition Research Wind Tunnel on a 0.04 scale model of the 747 with a 0.0405 scale Orbiter Space Shuttle. The investigation included the effects of flap setting, stabilizer angle, elevator angle, ground proximity, and Orbiter tailcone fairing. Data were obtained in the pitch plane only. The test was run at M = 0.15, with a dynamic pressure of 35 psf.

Six static pressures were measured on each side of the 747 CAM nose to determine the effects of the Orbiter on the 747 airspeed and altitude indicators.

This report consists of 3 volumes of force data. They are arranged in the following manner.

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306	ALT CONFIG IN GROUND PROXIMITY, STAB = 0, ELEVTR = -23, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW	<b>C</b>	1024-1026
	ALT CONFIG IN GROUND PROXIMITY, HORIZ OFF, FLAPS 30, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW		1027-1029

FIGURE NUMBER	TITLE	CONDITIONS VARYING	PLOTTED COEFFICIENTS SCHEDULE	PAGES
308	ALT CONFIG IN GROUND PROXIMITY, STAB = 2, FLAPS 30, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW	C	1030-1032
309	ALT CONFIG IN GROUND PROXIMITY, STAB = 0 FLAPS 30, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW	<b>c</b>	1033-1035
310	ALT CONFIG IN GROUND PROXIMITY, STAB = -2, FLAPS 30, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW	<b>c</b>	1036-1038
311	ALT CONFIG IN GROUND PROXIMITY, STAB = 0, ELEVTR = -23, IORB = 8, TC OFF ORBITER BALANCE DATA-GP SWEEPS	ALPHAW	C	1039-1041

#### PLOTTED COEFFICIENTS SCHEDULE:

- A)  $C_L$  versus  $\alpha_W$ ,  $\alpha_W$  versus  $C_m$ ,  $C_L$  versus  $C_m$ ,  $C_L$  versus  $C_D$
- B) CP14, CP25, CP36 versus  $\alpha_W$
- C)  $C_L$ ,  $C_D$ ,  $C_m$  versus GROUND PLANE
- D)  $\Delta C_L$  versus  $\alpha_W$ ,  $\alpha_W$  versus  $\Delta C_m$ ,  $\Delta C_L$  versus  $\Delta C_m$ ,  $\Delta C_L$  versus  $\Delta C_D$
- E)  $\Delta C_L$ ,  $\Delta C_D$ ,  $\Delta C_m$  versus GROUND PLANE
- F)  $C_L$  versus  $\alpha_0$ ,  $\alpha_0$  versus  $C_m$ ,  $C_L$  versus  $C_m$ ,  $C_L$  versus  $C_D$

#### NOMENCLATURE General

PLOT SYMBOL	MNEMONIC	DEFINITION
8		speed of sound; m/sec, ft/sec
C <sub>p</sub>	CP	pressure coefficient; $(p_l - p_{\infty})/q$
M	MACH	Mach number; V/a
p		pressure; N/m <sup>2</sup> , psf
<b>Q</b>	Q(NSM) .Q(PSF)	dynamic pressure; $1/2\rho V^2$ , $N/m^2$ , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
v		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
φ	PHI	angle of roll, degrees
ρ		mess density; kg/m <sup>3</sup> , slugs/ft <sup>3</sup>
	<u> </u>	deference & C.G. Definitions
A <sub>b</sub>		base area; m <sup>2</sup> , ft <sup>2</sup>
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
<b>ℓ</b> <sub>REF</sub> ē	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m2, ft2
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis
SUBSC	RIPIS	
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# NOMENCLATURE (Continued)

#### Orbiter Stability-Axis System

PLOT SYMBOL	MNEMONIC	DEFINITION
$c_{\mathbf{L}_{\mathbf{O}}}$	CL	lift coefficient; $\frac{\text{lift}}{\text{qS}}$
c <sub>D</sub>	CD	drag coefficient; drag qS
$c_{\mathbf{Y_o}}$	CY	side-force coefficient; side force qS
$c_{D_b}$	CDB	base-drag coefficient; base drag qS
$c_{D_{\mathbf{f}}}$	CDF	forebody drag coefficient; $C_{D_O}$ - $C_{D_b}$
c <sup>m</sup> o	CIM	pitching-moment coefficient; pitching moment qs.
c <sub>n</sub> o	CLN	yawing-moment coefficient; yawing moment qSb
c£°	CSL	rolling-moment coefficient; rolling moment qSb
T/D	L/D	lift-to-drag ratio; $^{ m C}_{ m L}/^{ m C}_{ m D}$

# NOMENCLATURE (Continued)

0

### 747 Stability-Axis System

PLOT	Tana ana ana an	
SYMBOL	MNEMONIC	<u>DEFINITION</u>
,CL	CL	lift coefficient; $\frac{\text{lift}}{\text{qS}}$
C <sub>D</sub>	CD	drag coefficient; drag qS
C <sub>Y</sub>	CY	side-force coefficient; side force qS
c <sub>Db</sub>	CDB	base-drag coefficient; base drag qS
$c_{\!D_{\!f\!f}}$	CDF	forebody drag coefficient; $C_D$ - $C_{D_b}$
C <sub>m</sub>	CIM	pitching-moment coefficient; pitching moment qsl <sub>REF</sub>
C <sub>n</sub>	CLN	yawing-moment coefficient; yawing moment qSb
c <b>7</b>	CSL	rolling-moment coefficient; rolling moment qSb
r/d	T/D	lift-to-drag ratio; $c_{ m I}/c_{ m D}$

## NOMENCIATURE (Additions to Standard List)

PLOT	(Add	itions to Standard List)
SYMBOL	MNEMONIC	<u>Definition</u>
BSTA		Carrier Fuselage station, in.
BWL		Carrier water line, in.
FS		Fuselage station, in.
<b>GP</b>	G₽	Ground Height - Distance between 1 MAC 747 CAM and the Ground Plane
н/в		Ground Height (GP) divided by 747 CAM wing span
iorb	IORB	Orbiter incidence angle, degrees
MS		Model station, in.
s <sub>1</sub>		Spoiler No. i deflection angle, deg.
s <sub>1-j</sub>		Spoiler No. i through j deflection angle, deg.
WL		Waterline, in.
X <sub>c</sub>	XC	Carrier longitudinal station, in.
X <sub>o</sub>	<b>xo</b>	Orbiter longitudinal station, in.
Yc	YC	Carrier lateral station, in.
Yo	YO	Orbiter lateral station, in.
Zc	ZC	Carrier vertical station, in.
Z	<b>Z</b> O	Orbiter vertical station, in.
$\alpha_{\mathbf{c}}$	ALPHAC	Carrier fuselage angle of attack, deg.
$\alpha_{0}$	ALPHAO	Orbiter angle of attack, $\alpha_{\phi} = i_{ORB} - 2^{\circ} + \alpha_{W} = \Delta i_{ORB}$ , deg.
$lpha_{f w}$	AIPHAW	Carrier wing angle of attack, $\alpha = \alpha + 2^{\circ}$ , deg.
$eta_{f c}$	<b>HEYTA</b> C	Carrier sideslip angle, deg.
$\beta_{\mathbf{o}}$	BETAO	Orbiter sideslip angle, deg.
Δ1 <sub>ORB</sub>	DIORB	Change in Orbiter incidence due to sup- port strut/balance deflections, deg.
δEI	ELV-1B	Carrier inboard elevator deflection, deg.
$\delta_{ extbf{EO}}$	ELV-OB	Carrier outboard elevator deflection, deg.

## NOMENCIATURE (Additions to Standard List - Concluded)

PLOT SYMBOL	MNEMONIC	<u>Definition</u>
$\delta_{\mathbf{g}}$	BLEVON	Orbiter elevon deflection angle, deg.
δ <sub>BF</sub>	BDFLAP	Orbiter body flap deflection angle, deg.
δ <sub>RL</sub>	RUD-L	Carrier lower rudder panel deflection angle, deg.
$\delta_{RU}$	RUD-U	Carrier upper rudder panel deflection angle, deg.
$\delta_{\mathbf{R}}$	RUDDER	Orbiter rudder deflection angle, deg.
$\delta_{\mathbf{SP}}$	SPOIL	Carrier spoiler deflection angle, deg.
S <sub>WDP</sub>	STAB	Carrier horizontal stabilizer deflection angle, with respect to wing, deg.
$\mathtt{c}_{\mathtt{p}_{\mathtt{l}\mathtt{l}_{\mathtt{l}}}}$	CP14	Average of base pressures CP1 and CP4
<sup>C</sup> <sub>P25</sub>	CP25	Average of base pressures CP2 and CP5
с <sub>р36</sub>	CP36	Average of base pressures CP3 and CP6
	ELEVTR	Carrier elevator deflection angle, deg.

#### CONFIGURATIONS INVESTIGATED

The models tested included the 0.04 scale model of the basic 747 and the 0.0405 scale model Orbiter mounted to the 747 CAM in the ferry and four ALT configurations (Reference 2). The 747 CAM was not tested and only the ferry and ALT configurations were tested in ground proximity.

The 747 model represented the 747-100 (NASA N905NA) aircraft as closely as possible using existing model parts. The 747 model (AX12841-6) was mounted on the Boeing 635 balance which in turn was mounted to the Boeing 506 swept strut/sting mount. The Orbiter model was mounted to the Boeing 6176 balance which was mounted rigidly to the 747 model by one forward and two aft support struts (Figures 2g and 2h). Model installation photographs are shown in Figures 3a through 3g.

The 747 swept strut/sting is shown schematically in Figure 2i. The strut was located under the 747 for free air testing, from the top of the aft body of the 747 for free air testing, from the top of the aft body of the 747 for ground effects testing and from the top of the fuselage (same body station as belly strut mount) for tunnel upflow evaluations. The model was located approximately on the tunnel centerline for free air testing. For ground proximity effects testing, the model was located at approximately 4, 10, 30, 60, 95, and 135 feet (full scale) measured from the bottom of the aft wing wheels to the tunnel floor. This series of ground height tests was an expansion of the initial plan which required one ground height. Testing procedures required this type of run series to obtain data at minimum ground height for varying angles of attack.

#### CONFIGURATIONS INVESTIGATED (Concluded)

Trip strips were located on the orbiter and carrier models as shown in Figures 2j and 2k to insure a controlled turbulent boundary layer.

The carrier horizontal stabilizer angle was set by an electric motor installed in the carrier tail which was remotely controlled. A detailed description of all model parts is contained in Table III.

The basic configuration changes were orbiter on and off, orbiter incidence angles of 3°, 6° and 8°; carrier flap settings of up, 10, 20 and 30; landing gear on and off; orbiter tailcone on and off; carrier stabilizer settings of +2° to -6°; orbiter elevon settings of 0 and -5°; carrier elevator angles of 17°/17°, 10°/10°, 1°/1°, -10°/-10°, -23°/-23°; and the models in free air and ground proximity. A typical ground proximity test was conducted by setting the carrier angle of attack, lowering the model to close proximity to the tunnel floor and then raising the model to various heights above the floor (4 through 135 feet full scale).

The configurations tested are summarized below:

747 Alone

747/Orbiter - Ferry Configuration (i<sub>o</sub> = 3<sup>o</sup>)

747/Orbiter - ALT Configurations ( $i_0 = 6^{\circ}$ , and  $8^{\circ}$ , T/C On and off)

747 Tested upright and inverted for tunnel upflow evaluation.

The model was mounted on a swept blade sting from below for free air testing and from a vertical tail location for ground proximity effect as shown in Figure 2i.

#### INSTRUMENTATION

Six component balances were used to measure 747 carrier and orbiter forces and moments. The 747 carrier was mounted on the Boeing 635 balance. The orbiter was mounted to the Boeing 6176 balance.

Six static pressure taps were located on the 747 fore-body (3 on each side) as shown in figure 21 to measure the orbiter effects on the air data system and sideslip angle indicator.

Three-quarter inch long yarn tufts were located on the 747 upper wing surface for some runs to allow observation of stall progression. The tufts were located approximately 1" apart both spanwise and chordwise. Two rows were parallel to the wing leading edge; the first row about 1/4" aft of the leading edge and the next row about 1" aft. Two spanwise rows were placed parallel to the wing trailing edge, the first row was near the trailing edge and the other row was 1 inch forward of the trailing edge. An additional row of tufts was put between the two forward and two aft rows and split the distance between them from the root to about half way out from the wing root. Two rows of tufts were located on the inboard flaps one row on the inboard aileron and one row on the outboard flaps. Two runs were conducted with the tufts. Photographs of flow patterns shown during these runs can be obtained from the aerodynamics analysis engineers.

#### TEST FACILITY DESCRIPTION

The Langley V/STOL facility is a closed circuit, single return, continous flow, atmospheric type wind tunnel, which can be operated as a closed tunnel with slotted walls or as one or more open configurations by removing the side walls and ceiling. The speed in the 14.5 foot high by 21.75 foot wide by 50 foot long test section is variable from 0 to 200 knots. This tunnel has a contraction ratio of 9 to 12 and is powered by an 8000 hp. main drive.

This tunnel is capable of force, moment and pressure studies. A moving belt ground board with boundary layer suction and variable speed capabilities for operation at test section flow velocities can be installed for ground effects tests. A universal model support system utilizes a three joint rotary sting with ±45° of pitch, ± 45° of yaw and 6 feet of vertical traverse. This system is mounted on a horizontal turntable with ±165° of rotation. Models can be powered with either high pressure air (15 lb/sec at 5,000 psia) or variable frequency electric systems. Data are recorded with 60 channels and reduced off site.

#### DATA REDUCTION

All aerodynamic forces and moments acting on the combined 747 and Orbiter, were reduced to stability axis coefficients using carrier reference dimensions and reference moment center (Figure 2f).

Subsequently, the data were corrected for

- . tunnel upflow
- . tunnel blockage
- . tunnel wall interference

In the following paragraphs, each of these wind tunnel corrections will be discussed in detail.

The upflow was measured in the LaRC V/STOL wind tunnel by testing the 747 model in the upright and inverted position at three different heights (87, 65 and 45 inches above the tunnel floor), and it was 0.15 degrees for all three heights. Therefore, all "free air" data, 747 as well as Orbiter, were corrected for an upflow of 0.15 degrees.

The "ground effect" datawere also corrected for upflow, but the correction varied with height above the tunnel floor. As it was impossible to measure the upflow angle near the ground, it was decided to calculate the upflow angle. This was done by assuming that the upflow angle at the floor boundary layer displacement thickness was d  $\delta*/dx$  and that the upflow angle at the wall was zero. Furthermore, it was assumed that the upflow angle varied with height according to a power law. These assumptions led to the following expression for the upflow angle.

$$\Delta \alpha_{\rm u} = 0.15 \ \underline{\Upsilon} \ \underline{10.96}$$

where: Y = the height of the 0.25 MAC of the 747 wing above the tunnel floor in inches.

The "ground effect" data were corrected by calculating the upflow angle for a given height of the 0.25 MAC of the 747 wing above the tunnel floor and applying this upflow angle to both the 747 carrier and the Orbiter.

All data were corrected for tunnel blockage effects (reference 3) by multiplying the measured dynamic pressure,  $q_{meas}$ , by a factor  $(1+2E_T)$  as shown on the next page.

$$q_{corr} = q_{meas} (1 + 2 E_T)$$

where:

$$E_T = E_{SB} + E_{WB}$$

E<sub>SB</sub>= solid blockage factor

EwB wake blockage factor

The solid blockage factor,  $E_{\rm SB}$ , was 0.00108 for the 747 alone and 0.00141 for the 747/Orbiter configuration (using standard methods described in reference 3). These values include the 506 swept blade strut. The wake blockage factor,  $E_{\rm WB}$  was determined as follows:

$$E_{WB} = \frac{1}{4} \frac{S}{C} C_{D_0}^{0} + 5 \frac{S}{4C} (C_{D_0} - C_{D_0}^{0} - C_{D_1}^{0})$$
where:  $C_{D_0} = C_{D_{C_{W=0}}}^{0} - (0.04573 + A_2) C_{L_{C_{W=0}}}^{0}$ 

$$C_{D_1} = 0.04573 C_L^2 + A_2 C_{L_{C_{W=0}}}^2$$
where:  $A_2 = 0$  for flap up
$$A_3 = 0.03016$$
 for flap down
(reference 4)

Both the "free-air" and "ground effect" data were corrected for wind tunnel wall interference using the following equation:

$$\Delta \alpha_{\rm W} = \delta_{\rm WC} \frac{\rm S}{\rm C}$$
 (57.295)  $C_{\rm L}$ 

However, the constant,  $\delta_{WC}$  is 0.1157 for the free air data and  $\delta_{WC}$  is a function of the model height for the "ground effect" data. These corrections apply for both the 747, the Orbiter, and the mated configurations.

For the horizontal tail, the wall interference correction is:

$$\Delta \alpha_t = -\delta_{WC} \frac{S}{C} (57.295) C_{L_{tail} off}$$

where:  $\delta_{WC}$  = 0.0062 for "free air" data but:  $\delta_{WC}$  = 0 for "ground effect" data

#### DATA REDUCTION - (Continued)

The final data reduction was performed in two steps:

Step One: All aerodynamic coefficients were corrected for blockage effects as described above

Step Two: All aerodynamic coefficients were then recomputed by rotating the lift and drag coefficients through an angle  $\Delta\alpha$  which is the sum of the wall induced upflow  $\Delta\alpha_{\rm WC}$  and the upflow  $\Delta\alpha_{\rm U}$  as described in the preceding paragraphs.

The corrected lift and drag coefficients are:

$$c_{L} = c_{L_{meas}} cos \Delta \alpha - c_{D_{meas}} sin \Delta \alpha$$
 $c_{D} = c_{D_{meas}} cos \Delta \alpha + c_{L_{meas}} sin \Delta \alpha$ 

The pitching moment coefficients are also corrected using the following equation:

$$C_{M} = C_{M_{meas}} + \Delta \alpha_{t} \frac{\partial C_{m}}{\partial \Delta}$$

Orbiter aerodynamic coefficients measured about the orbiter moment reference point were transferred to the carrier moment reference center. (See figure 2f). The transfer distances used are a function of orbiter incidence angle (i<sub>orb</sub>). Equations used in computing the X and Z coordinate transfer distances are given below:

$$X = 10.684 - 9.477 \cos (27.336 + i_{orb}).$$
 $Z = 8.368 + 9.477 \sin (27.336 + i_{orb}).$ 

All aerodynamic forces and moments were reduced to coefficient form in stability axis systems, utilizing carrier reference dimensions:

Symbol	<u>Description</u>	Model Scale	Full Scale
S	747 wing area, ft <sup>2</sup>	8.8	5500
Ъ	747 wing span, in.	93.92	2348
ē	747 wing mean aerodynamic chord, in	13.112	327.8

### DATA REDUCTION - (Concluded).

Symbol	Description	Model Scale	Full Scale
MRP	747 longitudinal moment reference point, in. X	53.596	1339.91
YMRP	747 lateral moment reference point, in. Y	0.0	0.0
Z <sub>MRP</sub>	747 vertical moment reference point, in. Z	7.63	<b>190.</b> 75
X <sub>MRB</sub>	747 longitudinal balance moment center, in. X	54.596	1364.90
Y <sub>MRB</sub>	747 lateral balance moment center in. Y	0.0	0.0
Z MRB	747 vertical balance moment center, in. Z	9.25	231.25

Aerodynamic forces and moments measured by the Orbiter internal balance were reduced to coefficient form in stability axis systems utilizing Orbiter reference dimensions. Orbiter reference dimensions are:

Symbol	Description	Model Scale	Full Scale
S	Orbiter wing area, ft <sup>2</sup>	4.412	2690
<b>b</b>	Orbiter wing span, in.	37-935	936.68
C	Orbiter wing mean aerodynamic chord, in.	19.230	474.81
X MRP	Orbiter longitudinal moment reference, in. X	44.914*	1109.0
MRP	Orbiter lateral moment reference point, in. Y	0.0*	0.0
Z <sub>MRP</sub>	Orbiter vertical moment reference point, in. Z	15.188*	375.0
* Orbiter	moment reference center is also Orbiter balar	ice moment	reference

Average base pressure coefficients were calculated as follows:

$$c_{p_1l_4} = (c_{p_1} + c_{p_{l_4}})/2$$
  
 $c_{p_25} = (c_{p_2} + c_{p_5})/2$   
 $c_{p_36} = (c_{p_3} + c_{p_6})/2$ 

center.

#### RESULTS AND DISCUSSION

The data from this test correlates well with existing free air low speed aerodynamic characteristics and has provided a data base to define low speed aerodynamic characteristics in pitch for mated CAM/Orbiter configurations for take off and landing and to define ground proximity effects. The use of faired Orbiter Support Struts instead of the current unfaired design does not significantly affect the pitch axis stability and control results obtained.

The significant test results affecting the performance, stability, and control characteristics of the 747 in combination with the Space Shuttle Orbiter configuration are:

- The maximum lift coefficients of the mated configurations are greater than of the 747 alone configurations and increase with increasing Orbiter incidence angle.
- The wing angle of attack of the mated configurations at lift-off is less than that of the corresponding configurations in free air (e.g. at flap 10;  $1.3,\Delta\alpha=-1.8^{\circ}$ ). This ground effect is similar to that on the basic 747.
- The Orbiter has a small effect on the position error corrections for airspeed and altitude (less than 2 knots on the airspeed and less than 80 feet on altitude.)
- Static longitudinal stability is reduced at flaps 20 and 30 (up to 0.10 c for Orbiter incidence = 8° with tailcone off) compared to the basic 747. This may affect the choice of aft c.g. for some AIN operations.
- Mated configuration stabilizer effectiveness is comparable to that of the basic 747. Effectiveness is reduced slightly with increasing Orbiter incidence.
- Trailing edge down elevator effectiveness is comparable to the basic 747 values. Trailing edge up elevator effectiveness is reduced up to 25% at flaps 20 and 30 for the highest Orbiter incidence angle of 8°. At this incidence angle there will be some loss of stabilizer mistrim takeoff capability. There is sufficient trailing edge up elevator

### RESULTS AND DISCUSSION - (Concluded).

control for landing flare and go-around.

- Effect of ground proximity on mated configuration pitch characteristics and control effectiveness was found to be similar to that determined for the basic 747 from previous testing.
- The "pitch-up loop" at stall is slightly more adverse for the mated configurations than for the basic 747 for flap 30. Nose-down elevator authority is adequate to compensate for this additional nose-up pitching moment should an inadvertent stall occur.

#### REFERENCES

1.		Boeing DTF CAM 75-0009 "Summary Preliminary CA8 Test
		Results, "September 24, 1975
2.	Louisse, J.	Boeing Document D180-18382-1", "Pretest Information
		for Testing the 747/Orbiter in the NASA Langley V/STOL
		Transition Research Wind Tunnel," August 11, 1975
3.	Pope, A	"Low-Speed Wind Tunnel Testing" Chapter 5, John Wiley
		and Sons, Inc., New York/London.
4.	T.L. Wimer	"Principles and Operational Procedures of the UWAL
		Data Reduction Programs," UWAL Report IV-D, December
		. <b>1966</b>

TEST : LARC V/STOL 129

DATE: Post Test

#### TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.15	1.0 x 10 <sup>6</sup>	.243	90-95
0.19	1.3 X 10 <sup>6</sup>	<u>, 374</u>	90-95
0.21	1.4 x 10 <sup>6</sup>	.417	90-95
1			

747-Boeing 635D Internal
BALANCE UTILIZED: Orbiter-Boeing 6176B Internal

	CAPACITY: 747 Balance	Capacity Orbiter Balance	COEFFICIENT TOLERANCE:
NF	31.60 LB	1000 LB	
SF	1580 LB	500 LB	
AF	240 LB	130 LB	
PM	9000 IN-LB	2000_IN-LB	
RM	7500 IN-IB	800 TN-LB	
ΥM	4200 IN-LB	800_TN=LB	

- COMMENTS: 1. "747" Model was mounted on the 635D internal balance and measured 747 and 747 + Orbiter loads.
  - 2. The Orbiter was mounted on the 6176B internal balance and measured orbiter loads while mounted on the 747.

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<sup>\*</sup>Morinel Mech = 0.155 + 0.001 except d/s 366,367 Mech = 0.186, d/s 368,369 = 0.204
\*P & T schedule of coefficients follow on the next two priges

 $K_1 = B29BW45M25M26N57N58T14$  (Bottom support sting)



TABLE II. Continued

IF?I: CA	8(LRC VST	OT 156)				DAT	A SE	r Ru	N NU	мвеі	COL	OITA	1 SUMN	AARY		DATE: 0/16/75						
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\*Norinel Mach = 0.155 ± 0.001 except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

 $K_2 = K_1 + AT_{107} + AT_{111.4}$  (CAM kit for ferry)

<sup>\*</sup>Mominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

 $K_3 = K_1 + AT_{106} + AT_{111.3}$  (CAM kit for launch)

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\*Nominal Macc = 0.155 + 0.001 except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

K<sub>3.1</sub> = K<sub>1</sub> + AT<sub>106</sub> + AT<sub>111.3</sub> (Sting replacing vertical mounted from above)

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\*Nominal Nach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

 $K_{2.1} = K_1 + AT_{107} + AT_{111.4}$  (Sting replacing vertical mounted from above)

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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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DATA SET		_C/	JED.	FER	CPT-C7 III	endermonen	1.0	RBITE	R	*************		and the same of				MACH	NUMBE	₹S
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0.001 except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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DENT	TIFIER	CONFIGURATION	×	B	GP	8	δe												
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_	236		4	T	T	IT	IT	T	IT	T									
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T	240		12					1						1					
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					25		31		37		43	49		55		61		1	
ب	لددد		لبلبا						IENTS		<del></del>	<del></del>	<u></u>	<u></u>		TEV	AR (II	LOVAF	(2)

\*Nominal Nach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

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DATA SET	CONFIGURATION	C.A	RRI	ER	**************************************	VT0002-10140-2014	QF	BITE	R							T	MACHI	NUMBERS	> 
DENTIFIER		X	B	GP	8	δe	iorp	Se		3F	al of the Continues of the		N C 1878 A				and the same particular of the		
RJF253	K3.1F20G5.3.5H156.1T5702T	24 0	0	(3)	0	0	8	5	<u>  c</u>	<u>)  </u>									
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263		10				NO.			l l			-				<b>†</b>			
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266		0			-2		190			1		·			1	<b>†</b>			
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268		6														<b> </b>			
269		8					1	Å						1					
¥ 270	<b>*</b>	10	V	1	1	*	*	*	<b>V</b>	$\top$									
<del>wizawania</del> 7	13	National Contracts of	- James C	25		31	anne Trees	37	<u></u>	43		49		55	in the second second	61	Ann ar a special or a	£7	
11111					1 1 1	<u> </u>		1.1.4		<del>۔۔۔</del> اند	1 1		1 1 1	ر ا ،	1.1.1.1				
	β <u>A</u> GP=2.,5	-		a- a	7	, cc										IEV	AR (1)	IDVA	R (2)

\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

NASA-MST W-MAF

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DATA SET		CA	RRI	ER			$\Gamma$	RBITI	er Er					والتعارضا والمارا		MACHN	UMBERS	<del></del>
IDENTIFIER	CONFIGURATION	d	B	GP	8	бe			Ser									<b> </b>
RJF271	K3.1 30 G5.3.5 H15.6.1 TS7 OETS.	12	0	3	-2	0	8	5	0							<del> </del>		-
7 272				54		$\coprod$	$oxed{oxed}$	LI	<u>                                     </u>	<u> </u>		<u> </u>		ļ	ļ	<u> </u>	ļ	<del> </del>
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275		6					$\coprod$			<u> </u>					ļ	<u> </u>	}	<del></del>
276		8			1		11	44		<u> </u>	<b></b>	<u> </u>			ļ	ļ	-	┼
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278		1/2		$\coprod$	14		igspace	$\bot \! \! \! \! \! \! \! \! \! \! \bot$		<u> </u>		<b></b>	ļ	<u> </u>	<del> </del>		ļ	┼-
279		0	$\coprod$		-4		$\perp$	$\bot \bot$		<b></b>		1	ļ	<del> </del>	<u> </u>		ļ	-
280		4	∐_		$\coprod$	Ш	$\perp \downarrow$	$\perp \downarrow \downarrow$					<b>_</b>	ļ	-	<b>_</b>	<u> </u>	
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283		10			11_	$\coprod$	11	11				<b>.</b>		<del>                                     </del>	ļ			┼
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287		6	Щ	$\bot\!\!\!\!\bot$	11		11		1-	-		<del> </del>	ļ		<b> </b>			-
Y 288		8	V	14	1	业	1 ¥	14	14	<u> </u>			J	J	1		<del></del>	<u> </u>
1	7 13 19			25		31		37		43		19	55		61		67	
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	290		12		I	J	Ţ	LT	T	T							1	1	1
	291	<b> </b>	0			OFF	OFF									1	<del>                                     </del>	<del> </del>	<del> </del>
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111	باند			. 1					37		43	49	•	55		61		67	7!
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\*Nowinel Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.20

DATA SET	CONFIGURATION		FRIER					RB	ITE	R							1	***	A C M A	NUMBERS	<del></del>	_
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311		6		1			1-1-	1-	††		$\neg \vdash$	<del></del>	<u> </u>	-	+	+	-			-	+	٦
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 $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

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\*Nominal Mach =  $0.155 \pm 0.001$  except 4/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

DATA SET	CONFIGURATION	ÇA	PRI	ER			T	ORBI	TEI	}						Ţ.	MACH	NUMBE	RS
IDENTIFIER	CONTIGURATION	[X	B	GP	8	lδe		RB		SBF									-
RJF343	Kai Fo HISILI G5.3.5 TSODETS	10	0	3	0	0	T -		5	0								-	(CO)
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349		10						1						1		-		1	-
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351	<del></del>	0			OFF	OFF	1			1		1	-	1	+-	1	<del>                                     </del>	1	٦
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356	<u> </u>	12			¥	1				35				1	1	1			+
357		0			-2	-23		3	$\top$					1	1	1	<del> </del>		†
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7	13 19		2:	5		31		37			43	4	19	55		61	<del></del>	67	<u>.</u>
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= 0.155  $\pm$  0.001 except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

DA	TA SET	AND THE PARTY OF T	CA	FN	ER		<del></del>	OF	RBITF	R	<u> </u>	<del></del>	yariganian da da da da da da da da da da da da da	**************************************		ON CHICAGONIA	MACH	UMBERS	and property of the second	-
IDEN	TIFIER	CONFIGURATION			GP	18	δe							Catherine 2 1994	NCCO SERVICE CAP 16	less entre e		-		
RJF	361	K3.1F10H15.6.1 G5.3.5 TS7C	) <sub>e</sub> TS4 10	0	13	-2	-23	6	-5	0										
$\perp$	362	1	-1/12		IT	IT		1	1	1										
	363	Kz.111	2,40		IV		V	3	0	-11.	1		IND	DATA						
	364				44		0	T	TT	T										
	365		8		54		IT													
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	367		/3\		54															15
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	371		1/9		T						-	<u> </u>	- NO	DATA		>		1		ů,
1		K211 F30	\s\d		1			Y	V		<		1	DATA						
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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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TABLE II. Continued

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\*Nominal Mach = 0.155 ± 0.001 except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186. d/s 368,369 = 0.204

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\*Nominal Nach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

TABLE II. Continued

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\*Nominal Mach =  $0.155 \pm 0.001$  except d/s 366,357 Mach = 0.186. d/s 368,369 = 0.204

N'SA-MSFC MAF

\*Norinel Nach =  $0.155 \pm 0.001$  except d/s 366,367 Mach = 0.186, d/s 368,369 = 0.204

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s 366,367 Mach = 0.186, d/s 368,369 = 0.204

MASA man Cal.

## TABLE III. MODEL DIMENSIONAL DATA a. Carrier

MODEL COMPONENT:

AILERON - Al

GENERAL DESCRIPTION: Inboard aileron extending from WBL 17.80 to 20.58.

747 MODEL SCALE: 0.040

MODEL 1065

DRAWING NO.: 65-71450

DIMENSIONS: (For 1 of 2 ailerons)	FULL SCALE	MODEL SCALE
Area - Ft <sup>2</sup>		
Planform	35.9	0.057
Span (equivalent)	5.79 FT	2.78 IN
Chords:		
Inboard	5.48 <b>FT</b>	2.632 IN
Outboard	7.34 FT	3.522 IN

AILERON - Ap MODEL COMPONENTS:

GENERAL DESCRIPTION: Outboard aileron extending from WBL 33.96 to WBL

44.58

747 MODEL SCALE: 0.040 MODEL: 1065

DRAWING NO.: 65-71450

Outboard

DIMENSIONS: (For 1 of 2 ailerons) MODEL SCALE FULL SCALE Feet Inches Area - Ft<sup>2</sup> 76.7 Planform 0.123 Span (equivalent) 10.62 22.12 Chords: 4.0 1.920 Inboard 1.392

2.9

MODEL COMPONENT: ATTACH STRUCTURE - AT106

GENERAL DESCRIPTION: Launch Configuration. A welded rod assembly to support forward part of Orbiter. Struts have a streamlined "gaiter" fairing with 18.2 in. chord. The strut terminals on the 747 have streamlined fairing.

MODEL SCALE: 0.04

DRAWING NO.: 747-MD-685. S O. 1284-192, -193 -196. -199. -200 -203, -208 -211

DIMENSIONS:	FULL SCALE	MODEL SCALE
Attach Points on $747 i_0 = 60$		
No. of struts	4	4
Diameter in. Main (2)	8.5	.340
Diameter in. Sway Braces (2)	3.13	.125
Location in.		
BS 747	680	27.2
BWL 747	372	14.88
BBL 747	66.3	2.65
Attach point on Orbiter		
BS 747	684.87	27.40
BWL 747	512.61	20.50
BBL	0	<u> </u>
BS Orbiter	388.15	15.526
WI. Orbiter	283.11	11.32

MODEL COMPONENT: ATTACH STRUCTURE - AT107

GENERAL DESCRIPTION: Ferry Configuration. A welded rod assembly to support forward part of Orbiter - struts have a streamlined fairing with 18.33 inch chord. The strut terminals on the 747 and Orbiter have streamlined fairings.

MODEL SCALE: 0.040

DRAWING NO.: 747-MD-685 S.O. 1284-192,-193,-194,-198,-200,-203,-208

-211

DIMENSIONS:	FULL SCALE	MODEL SCALE
Attach point on 747: $(i_0 = 3^0)$		
Number of struts	2	2
Diameter, in. (Main 2)	5.0	.200
Location, In.		
BS 747	680	27.2
BWL 747	372	14.88
BBL 747	66.3	2.65
Attach point on Orbiter		
BS 747	680.24	27.21
BWL 747	464.20	18.57
BBL 747	0	0
BS Orbiter	388.15	15.53
WL Orbiter	283.11	11.32

MODEL COMPONENT: ATTACH STRUCTURE - AT111.3

GENERAL DESCRIPTION: Launch Configuration. A welded rod assembly and fairing to support the aft part of Orbiter on the 747. Main struts and sway braces have streamlined fairings with following chords: Main - 78 in., R.H. Sway Brace 34.73 in., L.H. Sway Brace 18.05 in. Terminals on the 747 have streamlined fairings.

MODEL SCALE: 0.04

DRAWING NO.:	747-MD-686,	S.O. 1	284-201.	-202.	-206

DIMENSIONS:		FULL SCALE	MODEL SCALE
Attach points on	747		
Number of S	truts	6	6
Diameter In	. Fwd. Legs (2)	_ 12	.48
	Aft Legs (2)	12	48
	R.H. Sway Brace	6.25	.25
	L.H. Sway Brace	3.25	.13
Location In			
BS 747		1445.3	57.81
Fwd. BWL 747		322.98	12.92
BBL 747		96.5	<b>3.</b> 86
BS 747		1607	64.28
BWL 747	유명의 등에 가고 있는데 보고 있다. 이 사용 공연인 보고 있는 공연인	329.0	<u>13.16</u>
BBL 747		96.5	<b>3.</b> 86
Attach point on	Orbiter .		
BS 747		<u>1607                                    </u>	64.28
BWL 747		400	16.00
BBL 747		96.5	3.86
BS Orbite	<b>er</b>	1317	52.68
WL Orbito	<b>er</b> (1997)	267.50	10.70
the second control of the second control of the second control of the second control of the second control of			

MODEL COMPONENT: ATTACH STRUCTURE - AT111.4

GENERAL DESCRIPTION: Ferry Configuration. A welded rod assembly and fairing to support the aft part of Orbiter on the 747. Main struts and sway brace have streamlined fairings with following chords:

Main - 78 in., R.H. sway brace 34.73 in., terminal on the 747 have streamlined fairings.

MODEL	SCALE:	0.04

MODEL DOALE.			
DRAWING NO. 747	-MD-686, s.o. 1284-201,-2	02,-206	
DIMENSIONS:		FULL SCALE	MODEL SCALE
Attach points	on 747		
Number o	f struts	6	6
Diameter	In. Fwd. Legs (2)	15	.48
	Aft Legs (2)	12	.48
	R.H. Sway Brace	6.25	25
Location	In.		
BS 74	7	1445.3	57.81
Fwd. BWL 7	47	322.98	12.92
BBL 7	47	96.5	3.86
BS 74		1607	64.28
Aft BWL 7	47	329.0	13.16
BBL 7	47	96.5	3.86
Attach point	on Orbiter		
BS 74		1607	64.28
BWL 7	47	400	16.00
BBL 7	47	96.5	3.86
BS Or	biter	1317	52,68
WT. Or	biter	267.50	10.70

MODEL COMPONENT:

BODY - B29B

GENERAL DESCRIPTION: Fuselage for the 747-100/200 airplane

Body spar places V-9.1.2 1/4 MAC at MS 101.197 and WL 21.12

Incidence block locates W45 1/4 MAC at MS 53.596. WL 7.63 and BL 19.614

747 MODEL SCALE:

0.040

MODEL: 1065

DRAWING NO.: 65-71436. S.O. 1284-175, -182

DIMENSIONS:	FULL SCALE	MODEL SCALE
	Feet	Inches
Length	225.17	108.08
Max. Width	22.71	10.90
Max. Depth Height	25.52	12.25
Fineness Ratio	10.57	10.57

MODEL COMPONENT: FLAP - F8.1

GENERAL DESCRIPTION: Inboard, double slotted trailing edge flap extending from WBL 5.138 to WBL 17.800. Used for 10° and 20° flap deflections.

747 (MODEL SCALE: 0.040) MODEL: 1065

DRAWING NO.: S.O. 1065-43, -45, -85, -194

 DIMENSIONS:
 FULL 3CALE
 MODEL SCALE

 Feet
 Inches

 Span (equivalent)
 26.38
 12.662

 Main flap chord
 8.83
 4.24

 Fore flap chord
 3.42
 1.64

MODEL COMPONENT: FLAP - F8.2

GENERAL DESCRIPTION: Outboard, double slotted trailing edge flap extending from WBL 20.60 to WBL 32.88. Used for 10° and 20° flap deflections.

747 MODEL SCALE: 0,040

MODEL: 1065

DRAWING NO.: S.O. 1065-32. -33. -89. -135. -192, -193

DIMENSION	<b>18:</b>	FULL SCALE	MODEL SCALE
		Feet	Inches
Span	(equivalent)	25.58	12.28
Main	flap:		
	Inb'd equivalent chord	6.90	3.313
	Outb'd equivalent chord	5.15	2.47
Fore	flap:		
	Inb'd equivalent chord	2.5	1.20
	Outb'd equivalent chord	2.04	0,98

MODEL COMPONENT: FLAP - F9.1

GENERAL DESCRIPTION: Inboard triple slotted trailing edge flap extending from WBL 51.38 to WBL 17.800. Used for 30° flap deflection.

1065

747 MODEL SCALE: 0.040 MODEL:

DRAWING NO.: S.O. 1065-43 -45, -123

DIMENSIONS:	FULL SCALE	MODEL SCALE
분분 실소하다고 보는 이 경험 등부분들이 되는 것은 1일 전문이 - 기업 11 10 1일 이 분보는 기업 기업 및 보고 보고 기업 및	<u>Feet</u>	Inches
Span (equivalent)	26.38	12.662
Chord (equivalent)		
Main Flap	8.83	14.24
Fore Flap	3.42	1.640
Aft Flap	3.52	1.688

MODEL COMPONENT: FLAP - F9.2

GENERAL DESCRIPTION: Outboard triple slotted trailing edge flap extending from WBL 20.60 to WBL 32.88. Used for 300 flap deflection.

747 MODEL SCALE:

0.040

MODEL: 1065

DRAWING NO.: S.O. 1065-32, -33, -123

DIMENSIONS:	FULL SCALE	MODEL SCALE
	<u>Feet</u>	Inches
Span (equivalent)	25.58	12.28
Chord (equivalent)		
Main flap		
Inboard	6.90	3.313
Outboard	5.15	2,470
Fore flap		
Inboard	2.50	1.200
Outboard	2.04	0.980
Aft flap		
Inboard	2.79	1.341
Outboard	2.03	•974

MODEL COMPONENT:

LANDING GEAR - G5.3.5

GENERAL DESCRIPTION: Landing Gear; Full Length Struts, Oleo Extended,

all Doors On. Mounting Brackets All Flush With Body

MODEL SCALE:

0.40

MODEL:

1065

DRAWING NUMBER: S.O. 1065-103, -104, -105, -108, -196, 1284-197

#### DIMENSIONS:

#### MODEL SCALE

LANDING GEAR STRUT	Nose	Main Wing	Main Body
Number	1	2	2
Diameter in.	•5	•5	• 5
Length in.			<del></del>
Exposed	4.0	6.12	3.47
Pivot Point to Wheel Axis	3.67	5.72	3.07

#### WHEELS

Number	2	8	8	
Diameter in.	1.84	1.84	1.84	
Width in.	.64	.64	.64	
Axis Location in.		1.		<del></del>
$\mathbf{B}_{ullet}\mathbf{S}_{ullet}$ , which is the first state of $\mathbf{S}_{ullet}$	15.60	53.70	58.50	
$oldsymbol{B.L.}$	0	8,68	3.00	
$\mathbf{W}_{ullet}\mathbf{L}_{ullet}$ and the first state of $\mathbf{W}_{ullet}$	.49	.16	.16	

DOORS Side

> Number Length in. Height in.

2(inbd) 2(outbd)

MODEL COMPONENT:

HORIZONTAL - H15.1

GFNERAL DESCRIPTION: Swept leading edge horizontal tail mounted on the fuselage with the variable incidence pivot axis located at MS 103.76 and WL 11.70

747 MODEL SCALE:

0.040

MODEL:

1065

DRAWING NUMBER: 65-741.29

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA	<u>Feet</u>	Inches
Area Planform	1470.0 sq.ft.	2.35 sq.ft.
Span (equivalent) Aspect Ratio	72.75 3.6	34.92 3.6
Taper Ratio Dihedral Angle, degrees Incidence Angle. degrees	O.25 7 VARIABLE	0.25 7 VARIABLE
Sweep Back Angles, degrees Leading Edge Trailing Edge	<u>1</u> 43	43
O.25 Element Line Chords: Root (Wing Sta. O.O) Tip, (equivalent) MAC	37.5 32.33 7.02 271.6 in. 2564 in.	37.5 15.520 3.802 10.864 102.56
Fus. Sta. of .25 MAC W.P. of .25 MAC B.L. of .25 MAC	311.25 in. 178.30 in.	102.36 12.45 7.132

MODEL COMPONENT:

HORIZONTAL - H15.6.1

GENERAL DESCRIPTION: H15.1 with 200 sq. ft. tip fins mounted on the horizontal at HBL 17.22 in vertical plane at BBL 17.09 with a streamlined strut fairing.

747 MODEL SCALE:

0.040

MODEL:

1065, 1284

DRAWING NO.: S.O. 1284-78, -80, -70, -187

DIMENSIONS: (	One fin)	FULL SCALE	MODEL SCALE
		<u>Feet</u>	Inches
Area		200 sq. ft.	46.1 sq. in
Chord		9.54	lı.582
Span		20.96	10.06
Max. Thick	mess	0.86	0.412
Strut Fair	ring		
Chore		2.64	1.267
Thicl	mess	.40	.190

MODEL COMPONENT:

SLAT - J<sub>11.10.2</sub>

GENERAL DESCRIPTION: Leading edge flap located between the inboard and outboard nacelle struts. The outboard end was sealed to the outboard nacelle strut with wax.

747 MODEL SCALE:

0.040

MODEL:

1065

DRAWING NO.: S.O. 1065-64, -96, -127

DIMENSIONS:	FULL SCALE	MODEL SCALE
	Feet	Inches
Span (equivalent)	30.33	14.56
Equivalent chord	2.63	1.263

MODEL COMPONENT:

SLAT

- J<sub>13.8.1</sub>

GENERAL DESCRIPTION: Leading edge flap located between the outboard

nacelle strut and the wing tip. (WBL 6.491 to WEI, 45.696.)

727 MODEL SCALE:

0.040

MODEL:

1065

DRAWING NO.: S.O. 1065-65, 96-133

DIMENSIONS: FULL SCALE MODEL SCALE Feet Inches

Span (equivalent) 19.18 9.205

Equivalent chord 2.0 0.964

MODEL COMPONENT:

KRUEGER - L<sub>9.8.3</sub>

GENERAL DESCRIPTION: Inboard laading edge Krueger extending from WBL 9.763 to inboard nacelle strut.

747 MODEL SCALE: 0.040

MODEL:

1065

DRAWING NO.: S.O. 1065-75, -76, -77, -82. -131

DIMENSIONS:	FULL SCALE	MODEL SCALE
	Feet	Inches
Span (equivalent)	18.83	9.037
Inb'd equivalent chord	2.46	1.183
Outb'd equivalent chord	2.63	1.261
Twist Deg.	9	9

MODEL COMPONENT:

NACELLE STRUT - M25

GENERAL DESCRIPTION: Inboard nacelle strut located at WBL 18.80 at

the wing leading edge.

747 MODEL SCALE: 0.040

MODEL:

1065

DRAWING NO.: S.O. 1065-31, -42, -46

DIMENSIONS:

FULL SCALE

MODEL SCALE

Canted inboard. deg.

For use with

WBL location

N<sub>57</sub> & N<sub>77</sub>

18.800

MODEL COMPONENT:

NACELLE STRUT - M26

GENERAL DESCRIPTION: Outboard nacelle strut located at the wing leading

edge.

747 MODEL SCALE: 0.040

MODEL: 1065

DRAWING NO.: S.O. 1065-31, -42, -46, -350

MODEL SCALE FULL SCALE DIMENSIONS: Canted inboard, deg. 33.360 WBL location N<sub>57</sub> & N<sub>78</sub> For use with

MODEL COMPONENT:

The state of the s

NACELLE - N<sub>57</sub>

GENERAL DESCRIPTION: Flow-through inboard 747-100 nacelle mounted on

nacelle strut at WBL 19.761. Nacelle centerline canted inboard 2°.

747 MODEL SCALE: 0.040

MODEL:

1065

DRAWING NUMBER: S.O. 1065-15, -46, -314, -315

FULL SCALE MODEL SCALE DIMENSIONS: - FT. Length: 8.6 .344 Cowl .716 Cowl + Engine 17.9 .340 Max diameter 8.5 Hilite diameter 7.3 .292

MODEL COMPONENT:

 $NACELLE - N_{58}$ 

GENERAL DESCRIPTION:

Flow-through outboard 747-100 nacelle mounted on

strut at WBL 33.960. Nacelle centerline cented 2° inboard.

MODEL SCALE:

0.040

MODEL:

1065

DRAWING NUMBER:

s.o. 1065-15, -46, -314, -315

DIMENSIONS: - FT. FULL SCALE MODEL SCALE Length: Cowl 8.6 .344 Cowl + Engine 17.9 .716 Max diameter 8.5 .340 Hilite diameter 7.3 .292

MODEL COMPONENT:

SPOILERS - S<sub>1-12</sub>

GENERAL DESCRIPTION: Multi-panel flight spoilers. Four outboard and two inboard spoilers per side. Subscript denotes spoiler panel  $S_1$  is the most outboard L.H. panel and  $S_{12}$  is most outboard R.H. panel.

747 MODEL SCALE:

0.040

MODEL:

1065

DRAWING NO.: 65-71450, s.o. 1065-51, -59, -81, -173

DIMENSIONS: (One panel)	FULL SCALE	MODEL SCALE
	<u>Feet</u>	Inches
Outboard $S_{1-l_1}$ and $S_{9-l2}$ (Ft <sup>2</sup> )	21.48	0.034
Span (equivalent)	6.25	3.00
Chord	3.44	1.65
Inboard $S_{5-6}$ and $S_{7-8}$ (Ft <sup>2</sup> )	35.31	.0565
Span (equivalent)	7.50	3.60
Chord	<u>4.71</u>	2.26

MODEL COMPONENT:

FLAP TRACK FAIRING - T14

GENERAL DESCRIPTION: Fairings located at WBL 9.408. 14.120, 23.299 and

29.753.

747 MODEL SCALE: 0.040

MODEL:

1065

DRAWING NO.: S.O. 1065-84, -124,-135

DIMENSIONS:	FULL SCALE	MODEL SCALE
	Inches	Inches
WBL locations	235.2	9.408
	353.0	14.120
	584.98	23.399
	743.83	29.753
Use with clean wing and		<b>F8.</b> 1
		F8.2
현 교통 경우는 이 이번 사람들이 보는 것은 이 모든 것이다. 이 사용하는 것 같은 모든 이번 사용을 보는 것이다.		F9.1
		F <sub>9.2</sub>

MODEL COMPONENT:

VERTICAL - V9.1.2

GENERAL DESCRIPTION: Swept vertical tail mounted on fuselage centerline.

MODEL SCALE:

0.040

DRAWING NUMBER: 65-74142, s.o. 1065-6, -359, -426, s.o. 1284-182

DIAMING NOVELES. 57-14142, 5.0. 1007-0, -329, -420, 5.0. 1204-102			
DIMENSIONS:	FULL SCALE	MODEL SCALE	
TOTAL DATA			
Area (Theo) - Ft <sup>2</sup>	830	1.328	
Planform			
Span (Theo) - In.	386.50	15.46	
Aspect Ratio	1.25	1.25	
Taper Ratio	0.34	0.34	
Sweep-Back Angles, Degrees			
Leading Edge	50,125	50.125	
Trailing Edge	67.813	67.813	
Chords:			
Root (Theo) WP	461.55	18,478	
Tip (Theo) WP	156.93	6.277	
MAC	<u>334.16</u>	<u>13.37</u>	
Fus. Sta. of .25 MAC	2529.91	101.197	
W.L. of .25 MAC	528.0	21.12	
B.L. of .25 MAC	0	0	

MODEL COMPONENT:

WING W45

GENERAL DESCRIPTION: Swept wing of the 747-100 Airplane

747 MODEL SCALE:

.040

MODEL:

1065

DRAWING NUMBER: 65-71450. 65-71436, 65-71449

	-	
DIMENSIONS:	FULL SCALE	MODEL SCALE
	Inches	Inches
Area		
Planform	5500 Ft <sup>2</sup>	8.80 Ft <sup>2</sup>
Span (equivalent)	<u>195.67</u> Ft	93.92
Aspect Ratio	6.96	6.96
Taper Ratio	0.356	0.356
Dihedral Angle, degrees	<del>7</del>	7
Incidence Angle. degrees	2	2
Sweep Back Angles, degrees		
Leading Edge	42.30	42.30
0.25 Element Line	37.5	37.5
Chords:		
Root (Wing Sta. 0.0)	652.0	26.081
Tip (equivalent)	160.0	6.40
MAC	<u>327.78</u>	13.112
Fus. of .25 MAC	1339.91	53.596
W.P. of .25 MAC	190.75	7.63
B.L. of .25 MAC	190.35	19.614

#### TABLE III. MODEL DIMENSIONAL DATA (Continued) b. Orbiter

MODEL COMPONENT:

BODY - B26

GENERAL DESCRIPTION: Configuration 140A/B Orbiter fuselage

NOTE:  $B_{26}$  is identical to  $B_{24}$  except underside of fuselage has been

refaired to accept W116.

MODEL SCALE:

0.0405 MODEL DRAWING: SS-101185 RELEASE: 3

DRAWING NUMBER: VL70-000143B, -000200, -000205, -006089, -000145,

VL70-000140A, -000140B

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (OML: Fwd Sta $X_0 = 235$ ), In.	1293.3	52.379
Length (IML: Fwd Sta $X_0 = 238$ ), In.	1290.3	52.257
Max Width (@ $X_0 = 1528.30$ ), In.	264.0	10.692
Max Depth (@ $X_0 = 1464$ ), In.	250.0	10.125
Fineness Ratio	0.26357	0.26357
Area - Ft <sup>2</sup>		
Max. Cross-Sectional	340.88	0.559

MODEL COMPONENT: CANOPY - C9

GENERAL DESCRIPTION: Configuration 3A. Canopy used with fuselage B<sub>26</sub>.

MODEL SCALE: 0.0405 MODEL DRAWING: SS-400147; RELEASE 12

DRAWING NUMBER: VL70-000143A

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length $(X_0 = 434.643 \text{ to } 578)$ , In.	143.357	5.806
Max Width (@ X <sub>o</sub> = 513.127),	152.412	6.173
Max Depth (@ $X_0 = 485.0$ )	25.000	1.013

MODEL COMPONENT:

SLOTTED ELEVON (6-INCH GAP) - E44

GENERAL DESCRIPTION: Configuration 140A/B orbiter elevon.

NOTE:  $E_{44}$  is a slotted version of  $E_{26}$ . Data are for one side.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000200, -006089. -006092

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area, Ft <sup>2</sup>	210.0	O•3/4/t
Span (equivalent). In.	349.2	14.143
Inb'd equivalent chord, In.	118.004	4.779
Outb'd equivalent chord, In.	55.192	2.2353
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	-10.056	-10.056
Hingeline	0.0	0.0
Area Moment (Product of Area & c) Ft3	1587.25	0.105
Mean Aerodynamic Chord, In.	90.7	3.673

MODEL COMPONENT:

BODY FLAP - F8

GENERAL DESCRIPTION: Configuration 140A/B orbiter body flap. Hinge-

line located at  $X_0 = 1532.0$ .  $Z_0 = 287.0$ 

MODEL SCALE: 0.0405

MODEL DRAWING: SS-A00147. RELEASE 12

DRAWING NUMBER: VL70-000140A. VL70-000145

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length $(X_0 = 1521.4 \text{ to } X_0 = 1613)$	91.60	3.71
Max Width, In.	262.00	10.61
Max Depth (@ $X_0 = 1520$ ), In.	23.00	0.93
Fineness Ratio		
Area - Ft <sup>2</sup>		
Max. Cross-Sectional		
Planform	150.525	0.246
Wetted		
Base	41.84722	0.069

MODEL COMPONENT:

OMS POD - M16

GENERAL DESCRIPTION: Configuration 1400

Orbiter OMS pod - short pod.

MODEL SCALE:

0.0405

DRAWING NUMBER: VL70-008401, VL70-008410

DIM	Ensions:	FULL SCALE	MODEL SCALE
	Length (OMS Fwd Sta. $X_0 = 1310.5$ ), In.	258.50	10.469
	Max Width (@ $X_0 = 1511$ ), In.	136.8	5.540
	Max Depth (@ X <sub>o</sub> = 1511), In.	74.70	3.025
	Fineness Ratio	2.484	2.484
	Area - Ft <sup>2</sup>		
	Max. Cross-Sectional	58.864	0.0966

MODEL COMPONENT:

MPS NOZZLES - N<sub>24</sub>

GENERAL DESCRIPTION: Configuration 140A/B orbiter MPS nozzles.

MODEL SCALE: 0.0405 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER: VL70-005030A, VL70-000140A

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NO.		
Length - In. Gimbal Point to Exit Plane Throat to Exit Plane	157.0 99.2	6.36 4.02
Diameter - In. Exit Throat Inlet	91.00	3.69
Area - Ft <sup>2</sup> Exit Throat	45.166	.07408
Gimbal Point (Station) - In. Upper Nozzle		
X <sub>O</sub> Y <sub>O</sub> Z <sub>O</sub>	1445. 0 443	58.52 0 17.94
Lower Nozzle  X Y O Z O	1468.17 ± 53.00 342.640	59.46 ±2.15 13.88
Null Position - Deg. Upper Nozzle Pitch Yaw	16° 0°	16° 0°
Lower Nozzle Pitch Yaw	10° 3.5°	10° 3•5°

MODEL COMPONENT:

oms nozzles - N<sub>28</sub>

GENERAL DESCRIPTION: Configuration 140A/B orbiter OMS nozzles

MODEL SCALE: 0.0405

SS-A00106. RELEASE 5 (Contour)

DRAWING NUMBER: VL70-000140A (Location)

mensions:	FULL SCALE	MODEL SCALE
MACH NO.		
Length - In. Gimbal Point to Exit Plane Throat to Exit Plane		
Diameter - In. Exit Throat Inlet		
Area - Ft <sup>2</sup> Exit Throat		
Gimbal Point (station) - In.		
Left Nozzle X <sub>o</sub>	1518.00	61.48
Y Zo	-88.0 492.00	-3.56 19.93
Right Nozzles	1518.00	61,48
$\mathbf{X_o}$	88.00	3.56
$\mathbf{z}_{\mathbf{o}}^{\mathbf{o}}$	492.0	19.93
Null Position - Deg.		
Left Nozzle Pitch	159491	150491
	12017!	12017'
Right Nozzle	15°49°	150491
Pitch Yaw	12017	12017'
사고, 하는데, 그 사고 사고, 본 통해하다. 원 등 사고 있는 사고, 학생들은 그리고 하다.		

MODEL COMPONENT:

RUDDER - R5

GENERAL DESCRIPTION: Configuration 140C orbiter rudder (identical to

configuration 140A/B rudder)

MODEL SCALE:

0.0405

DRAWING NUMBER: VL70-000146B, VL70-000095

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area - Ft <sup>2</sup>	100.15	0.1643
Span (equivalent), In.	201.00	9.141
Inb'd equivalent chord, In.	91.585	3.709
Outb'd equivalent chord, In.	50.833	2.059
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At outb'd equiv. chord	0.400	0.400
Sweep Back Angles degrees		
Leading Edge	<u>3lı.83</u>	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of area & c) Ft3	610.92	0.0406
Mean Aerodynamic Chord, In.	73.2	2.965

MODEL COMPONENT:

SS - SUGAR SCOOPS

GENERAL DESCRIPTION: Two deflector vanes located above the MPS top center nozzle. Vanes are simulated by flat plates attached to a strut which mounts on the MPS nozzle aft surface.

MODEL SCALE: .0405

DIMENSIONS:	FULL SCALE	MODEL SCALE
Vane width, in.	24.7	1.0
Vane height, in.	37.0	1.5
Vane incedence angle to strut. deg.	45	45
Strut incidence to nozzle exit plane, deg.	16	16
Strut cant from orbiter centerline, deg.	10	10

MODEL COMPONENT: TC19 UPSWEPT BEAVER TAIL - ORBITER TAILCONE

GENERAL DESCRIPTION: An orbiter tail fairing tapering to a rounded aft end in the horizontal plane.

Orbiter (0.0405 Scale)

DRAWING NUMBER: BCD-V70-30-330

DIME	NSIONS	FULL SCALE	MODEL SCALE
	Length	34.96 Ft	16.99 In.
	Max Width	25.0 Ft	12.15 In.
	Max Height	22.22 Ft	10.80 In.
	Tailcone Width at Aft Tip	4.12 Ft	2.0 In.

MODEL COMPONENT:

VERTICAL - V8

GENERAL DESCRIPTION: Configuration 140C orbiter vertical tail

(identical to configuration 140A/B vertical tail)

MODEL SCALE:

0.0405

DRAWING NUMBER: VL70-000140C, VL70-000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft <sup>2</sup>		
Planform	l <sub>1</sub> 13.253	0.678
Span (Theo) - In.	31.5.72	12.787
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
그런 하는 생물로 있는 것이 되어 된다는 모양하는 하는 살으로 다음		
Chords:		
Root (Theo) WP	268.50	10.874
Tip (Theo) WP	108.47	4.393
	199.81	8.092
Fus. Sta. of .25 MAC	1463.35	59.272
W.P. of .25 MAC	635,52	25.738
B.L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.92	14.92
Leading Edge Radius	2.00	0.0810
Void Area	13.17	0.022
Blanketed Area	0.0	0.0

MODEL COMPONENT: WING-W116 GENERAL DESCRIPTION: Configuration 4 NOTE: Identical to W114 except airfoil thickness. Dihedral angle is along trailing edge of wing. MODEL SCALE: 0.0405 TEST NO. DWG. NO.: VL70-000140A, -000200 **DIMENSIONS:** FULL SCALE MODEL SCALE TOTAL DATA Area (Theo) - Ft<sup>2</sup> Planform 2690.00 4.412 Span (Theo) - In. 936.68 37.936 Apsect Ratio 2.265 2.265 Rate of Taper 1.177 1.177 0.200 Taper Ratio 0.200 Dihedral Angle, degrees 3.500 3.500 Incidence Angle, degrees 0.500 0.500 Aerodynamic Twist, degrees + 3.000 3.000 Sweep Back Angles, degrees Leading Edge 45.000 45.000 Trailing Edge - 10.056 10.056 0.25 Element Line 35.209 35.209 Chords: Root (Theo) B.P.O.O. 689.24 27.914 Tip (Theo) D.P. 137.85 5.583 MAC 474.81 19.230 Fus. Sta. of .25 MAC 1136.83 46.042 W.P. of .25 MAC 290.58 11.768 B.L. of .25 MAC 182.13 7.376 EXPOSED DATA Area (Theo) - Ft2 1751.50 2.873 Span, (Theo) - In. BP108 720.68 29.188 Aspect Ratio 2.059 2.059 Taper Ratio 0.245 0.245 Chords Root BP10 562.09 22.765

Root b/2 0.113 0.113 Tip b/20.12 0.12 Data for (1) of (2) Sides Leading Edge Cuff Planform Area - Ft2 113.18 0.185 Leading Edge Intersects Fus M.L. @ Sta. 500.00 20.250 Leading Edge Intersects Wing @ Sta. 1024.00 41.472

137.85

392.83

294.30

251.77

1185.98

5.583

15.910

48.032

11.919

10.197

Tip 1.00 b/2

W.P. of .25 MAC

B.L. of .25 MAC

Fus. Sta. of .25 MAC

Airfoil Section (Rockwell Mod NASA)XXXX-64

MAC

### Notes:

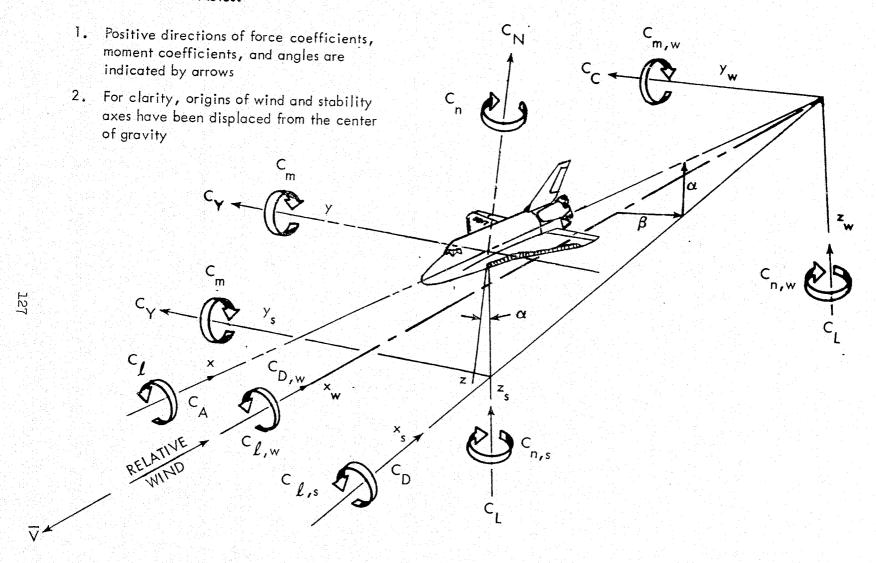


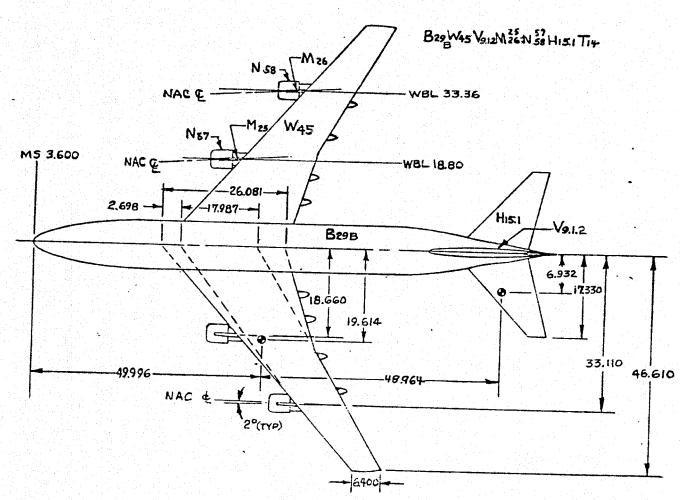
Figure 1. - Axis Systems.

REF: Dw6 65-71450 65-71436 65-74129

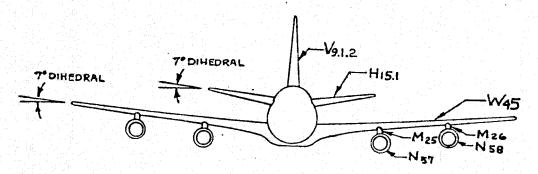
MODEL

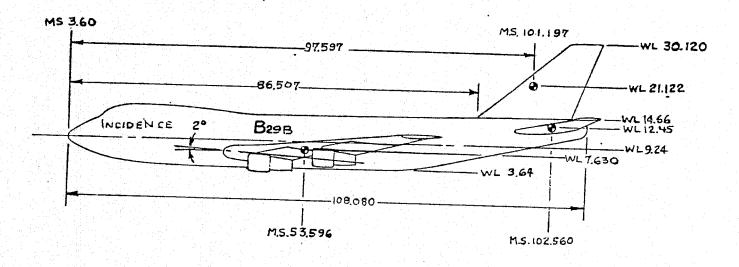
PLANFORM

# 1 TUDICATES 25 % MAC LOCATION ..



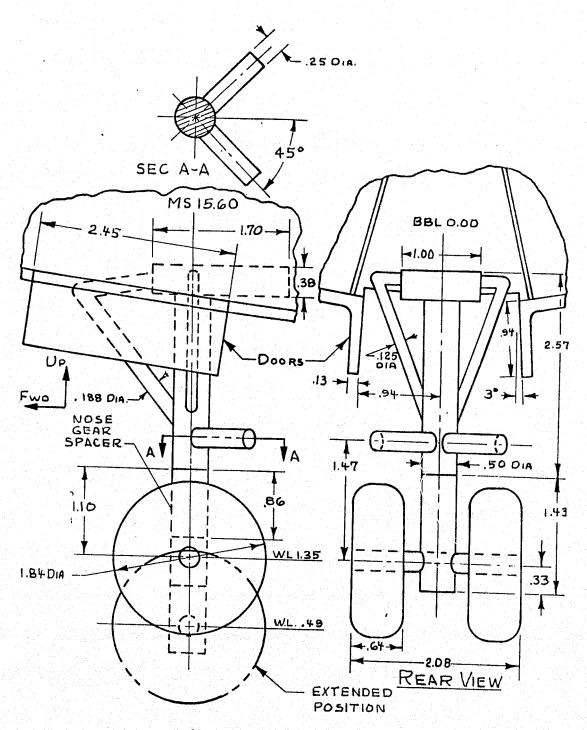
a. 747-100 Carrier Planform. Figure 2. - Model Sketches.





REF: Dwa 65-71450 65-71436 65-74129

b. 747-100 Carrier Front and Side Views. Figure 2. - (Continued)



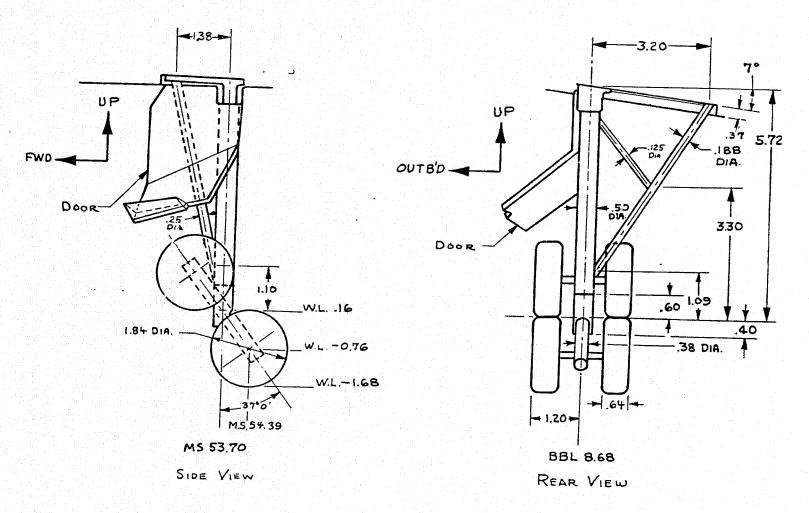
# NOSE GEAR-G5.3.5

B 1-76

REF. S.O 1065-101,-108

c. 747-100 Carrier Nose Gear.

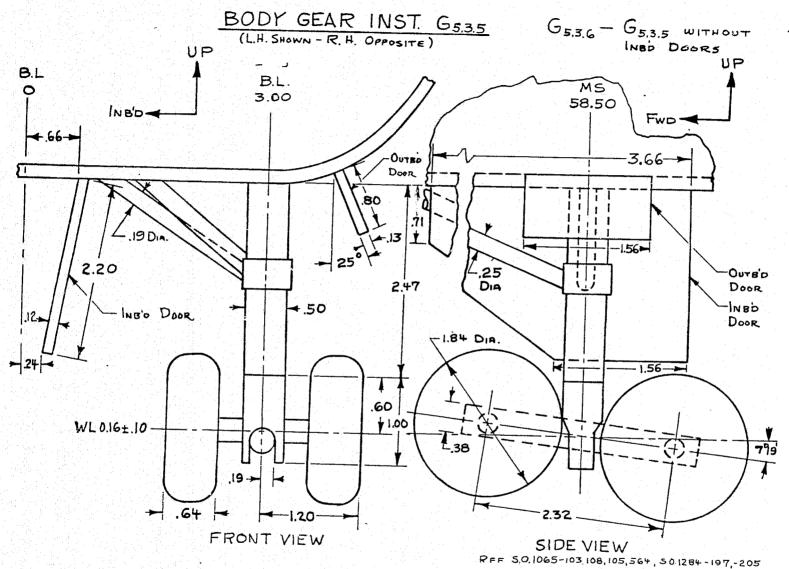
Figure 2. - (Continued).



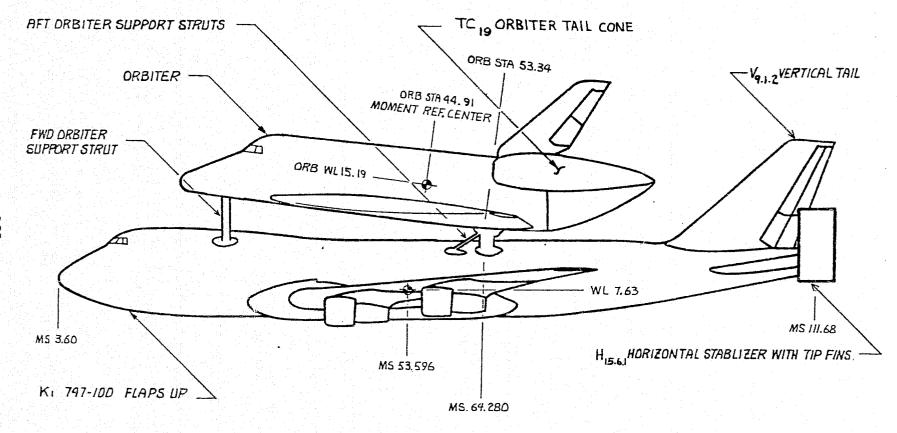
WING LANDING GEAR G5.3.5

REF. 5.0 1065-103,-104

d. 747-100 Carrier Wing Landing Gear. Figure 2. - (Continued).

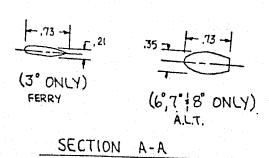


e. 747-100 Carrier Body Gear. Figure 2. - (Continued).

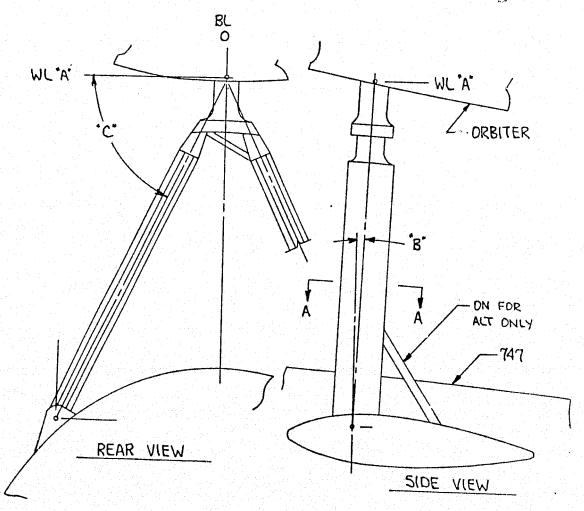


f. 747-100 and Orbiter Space Shuttle Configuration. Figure 2. - (Continued).

# DIMENSIONS IN INCHES

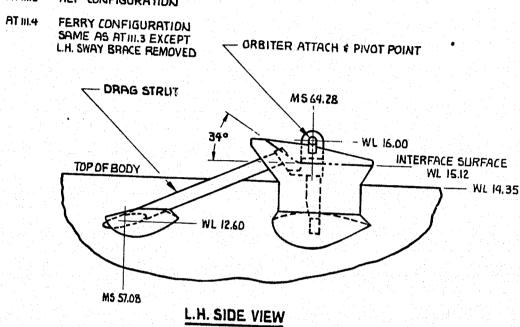


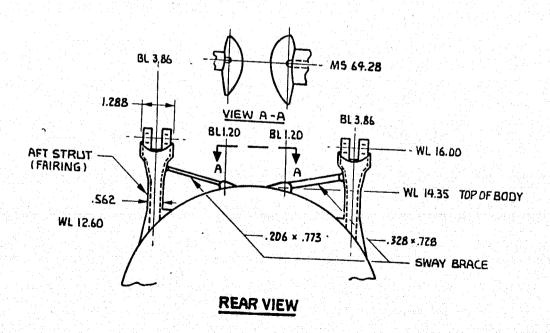
ORB.	W.C	ANGLE	ANGLE C"
3*	18.57	0°-9'	54°-17'
6°	20.51	1°-59'	64"-46
7*	21.15	2°-33′	67°-05'
8°	21.79	3°-6'	69°-02′



g. Forward Orbiter Support Structure.Figure 2. - (Continued).

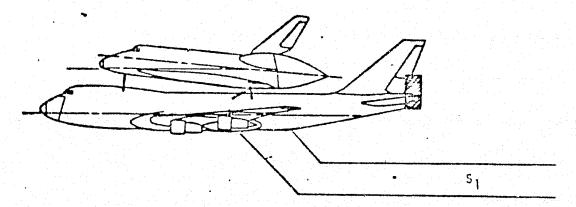
ATIII.3 ALT CONFIGURATION



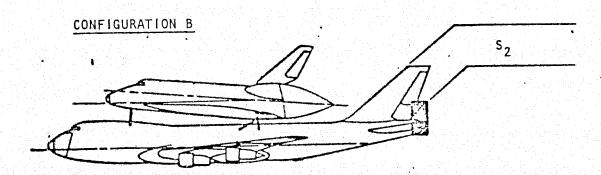


h. AT<sub>111.3</sub> and AT<sub>111.4</sub> Orbiter Aft Attach Structure. Figure 2. - (Continued).

# CONFIGURATION A

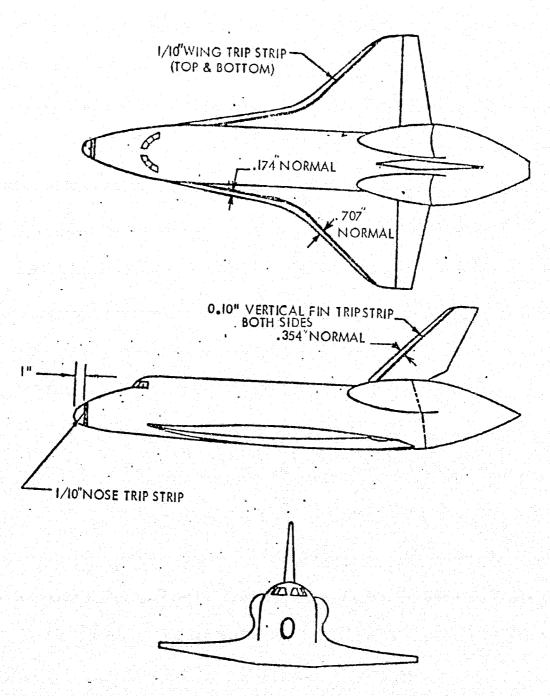


Test support configuration for free air testing.



Test support configuration for ground effect testing.

i. Test Support Configurations.Figure 2. - (Continued).



ALL TRIP STRIPS #80 GRIT, 40 - 60 GRAINS PER INCH

J. Orbiter Trip Strip Definition.
Figure 2. - (Continued).

( )

#### TRIP STRIP DEFINITION

747 and 747 CAM

#### WING

Wing upper and lower surface: 1.25 inches streamwise. 80 grit 40 to 60 grains/inch, 0.1 inch wide.

EMPENNAGE (All surfaces, top and bottom)

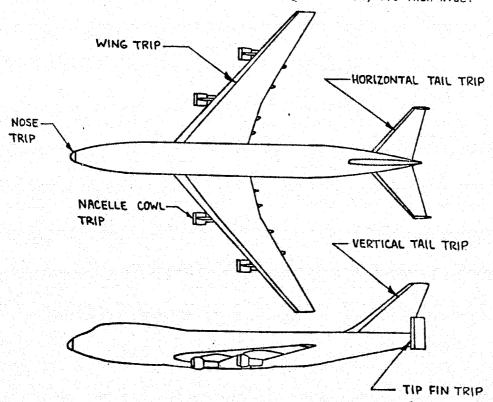
0.5 inch streamwise 0.1 inch wide, 80 grit, 40 to 60 grains/inch.

#### BODY NOSE

1.25 inch from L.E. 80 grit 0.1 inch wide, 40-60 grains/inch.

#### NACELLE

Fan cowl .5 inch from L.E. (inside and outside), 80 grit, 40-60 grains/inch, 0.10 inch wide. Primary, at the fan cowl exit plane. (outside surface only), 80 grit, 40-60 grains/inch, .10 inch wide.



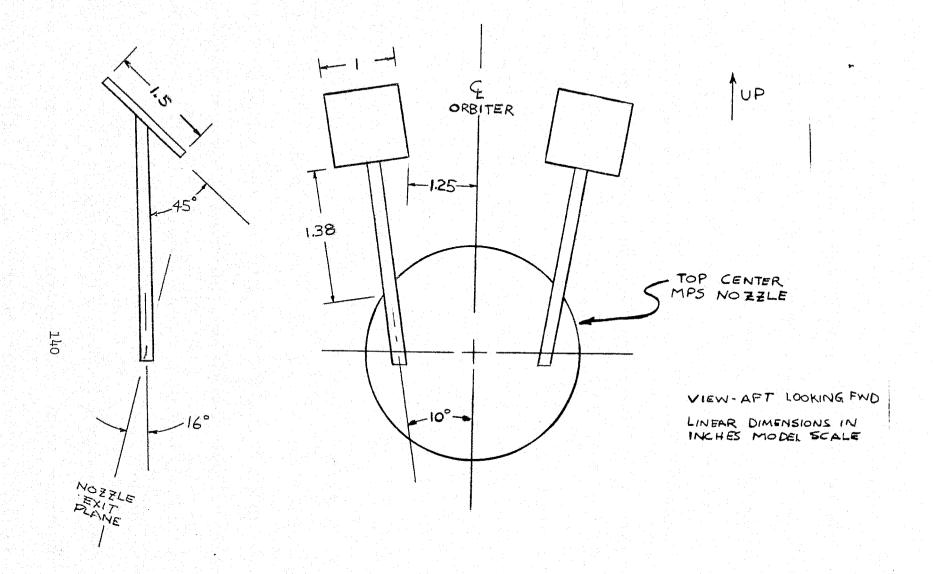
k. 747 CAM Trip Strip Definition.Figure 2. - (Continued).

#### NOT TO SCALE

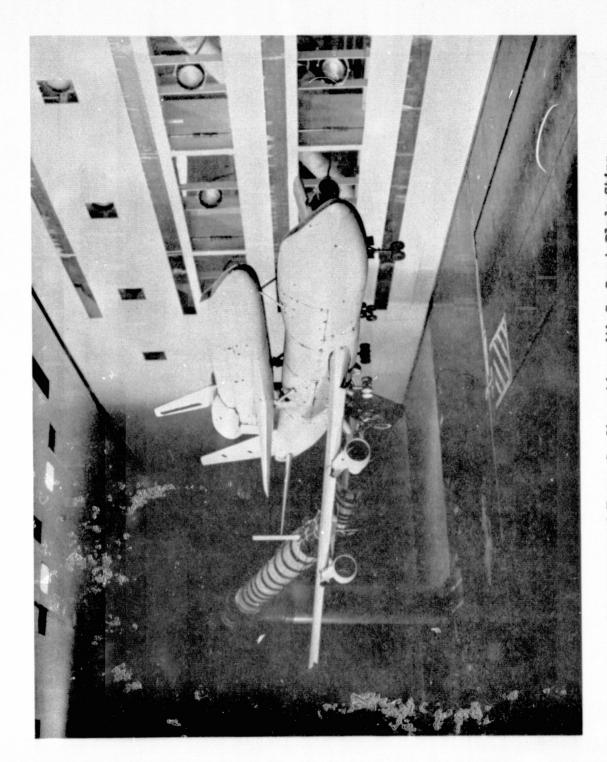
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CPI SIDE-SLIP (BORT SIDE) BUL 215 BS 242 50
                     CP 2 PITOT-STATIL ( - ) BUL 207 B5 263.56
                                               ) BUL 190.25 BS 258,50
                     CP3 PITOT-STATILL L
                     CP 4 SIDE- SLIP (STARBUAROSIDE) BUL 215 BS 242,50
                     CP5 PITOT-STATIC( - ) BUL 207 BS 263.50
                     CPG PITOT-STATIL ( -
                                                ) BWL 190.25 BS 258.50
   SIDE-SLIP
   STATIC PRESSURE
   PORTS
                          BWL 215
                                                152 1W B
                          TOS JWB
                          BWI. 190.25
PITOT-STATIC SYSTEM
 PRESSURE
   PORTS
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2. Static Pressure Port Locations on the Forebody of the 747 Model.

Figure 2. - (Continued).

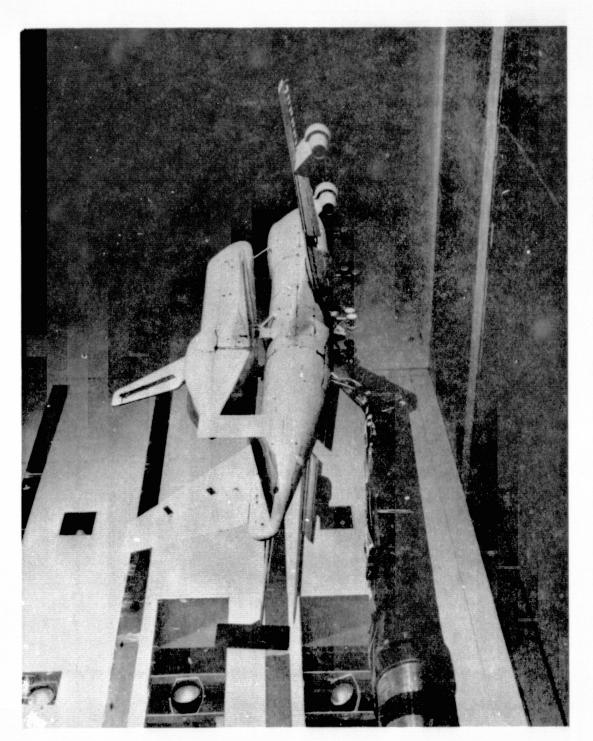


m. Sugar Scoops
Figure 2. - (Concluded)

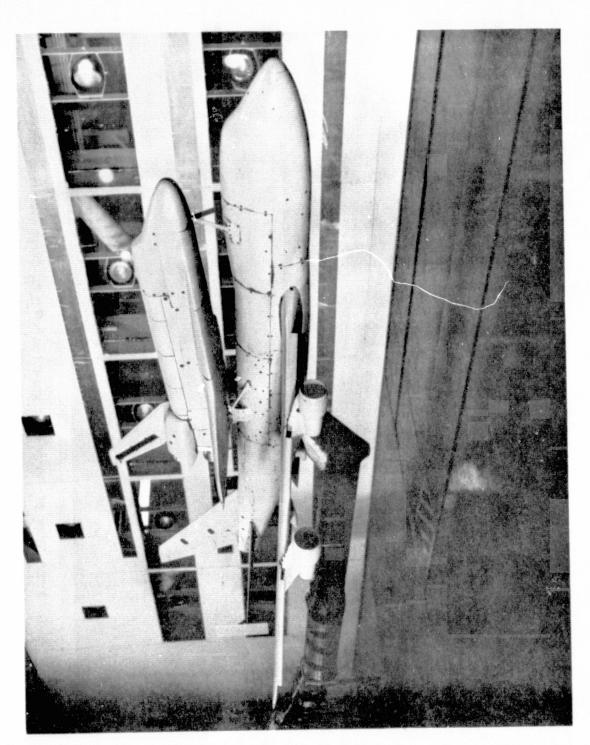


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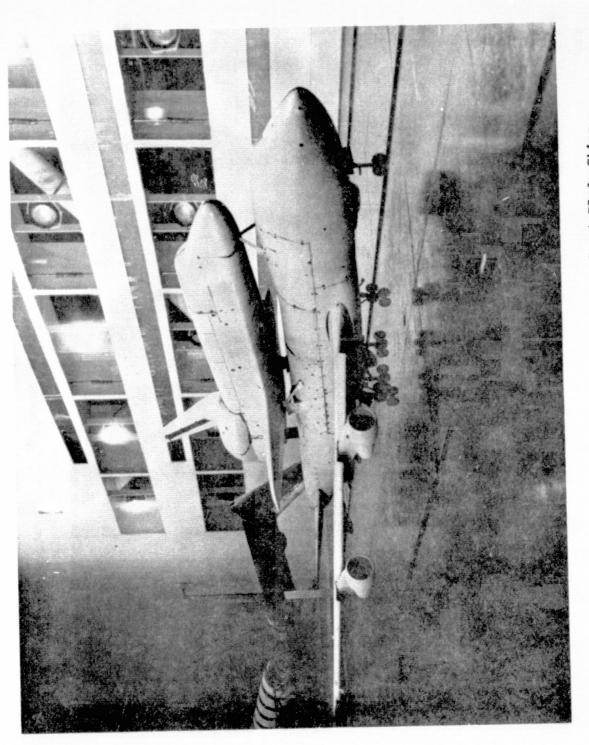
a. Front View of Ferry Configuration with  $\mathbf{S}_{\mathbf{I}}$  Swept-Blade Sting. Figure 3. - Model Photographs.



b. AFT View of Ferry Configuration with S<sub>1</sub> Swept-Blade Sting. Figure 3. - (Continued).



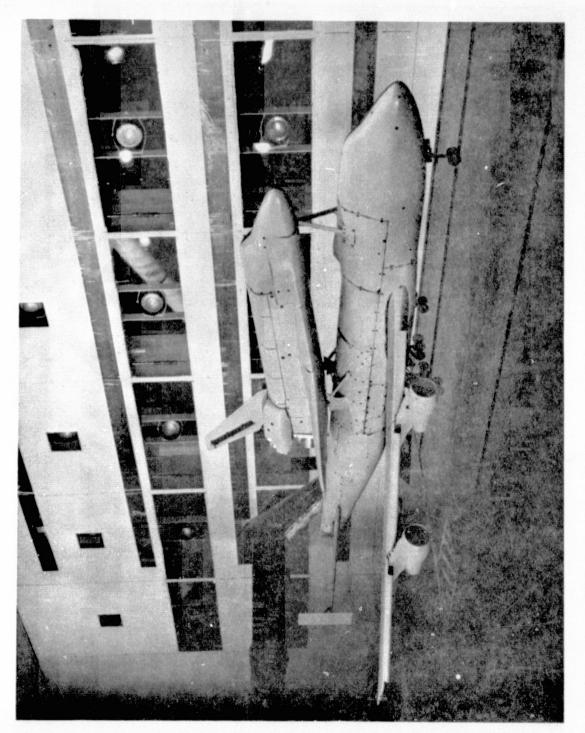
c. Front View of ALT Configuration with S<sub>1</sub> Swept-Blade Sting. Figure 3. - (Continued).



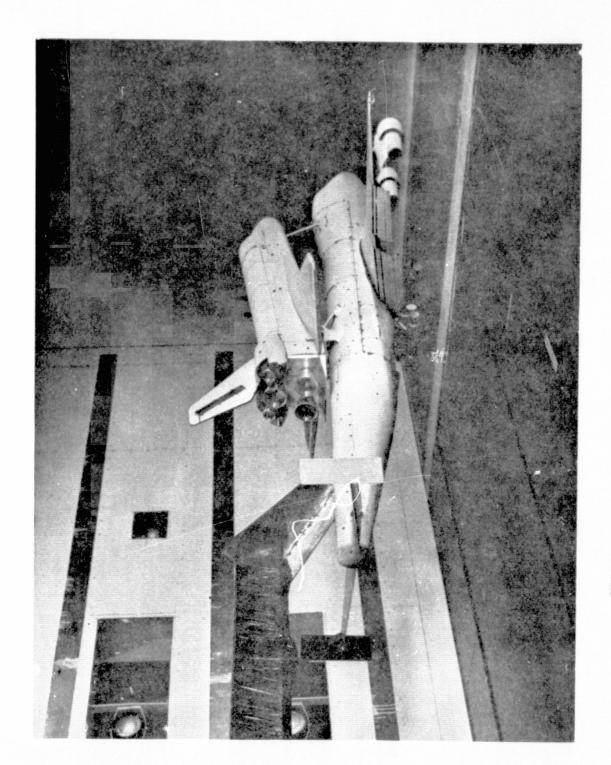
 ${\rm d}_{\bullet}$  Front View of Ferry Configuration with  ${\rm S}_2$  Swept-Blade Sting. Figure 3. - (Continued).



e. AFT View of Ferry Configuration with S<sub>2</sub> Swept-Blade Sting.
 Figure 3. - (Continued).



f. Front View of ALT Configuration with S<sub>2</sub> Swept-Blade Sting. Figure 3. - (Continued).



8. AFT View of ALL Configuration with  $S_2$  Swept-Blade Sting. Figure 3. - (Concluded).

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# APPENDIX

# TABULATED SOURCE DATA

Volume 2

Pages 1-333

Volume 3

Pages 334-966

Tabulations of plotted data are available on request from Data Management Services.

1.090

(CA-8) KIV9.1.2TS1

(PUF001) ( 01 JUN 76 )

RN/L

# PARAMETRIC DATA .000

BETA

## REFERENCE DATA

XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT. .0000 IN.YC YMRP = LREF = 327.8000 IN. BREF = 2348.0000 IN. 190.7500 IN.ZC ZMRP =

SCALE =

.0400							
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REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 335

(CA-8) KIV9.1.2TS1H15.1

(PJF002) ( 01 JUN 76 )

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(CA-8) KIV9.1.2TS2H15.1F10

(PJF003) ( 01 JUN 76 )

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DATE 06 JUL 76

SCALE =

#### CA-R - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2HI5.1F10

PAGE 337

(PJF004) ( 01 JUN 76 )

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.00000

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-.32987

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(PJF005) ( 01 JUN 76 )

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35.47744

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-.22811

-.20314

-.21923

.00000 35.53336 -.24179 -.25206 -.24053 -.23376 -.24099 -.21498 22.601 .155 - .26774 .00000 35.39045 -.27826 -.26705 -.25748 -.26430 -.23644 23.508 24.535 25.457 26.265 -.28506 -.29715 . 156 .00000 35.91509 -.29457 -.28384 -.27116 -.27789 -.24906 .156 .00000 35.57664 -.30624 -.29635 -.28623 -.29119 -,26430 . 156 .00000 35.68746 -.31820 -.32558 -.31626 -,31038 -,32739 -.31435 -.28726 .157 .00000 36.05241 -.32212 -.32926 -.31806 -.33221 -.30707 GRADIENT .00000 .00079 .00231 .00244 .00363 .00330 .00339 .00458

-.21714

-.22868

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F10

(PJF006) ( 01 JUN 76 )

SREF =	REFERENCE 5500.0000 SQ.I		 100 IN.XC				BETA = STAB =	000. 000.s-	RN/L = ELEVTR =	1.090
LREF = BREF = SCALE =	2348.0000 IN.	ZMRP  RUN NO.  ALPHAN .583 2.578 4.661 6.674 8.735 10.718 12.779 14.912 16.837 18.786 20.853 22.932 24.875 26.849 28.867 GRADIENT	RN/L = Q(PSF) 35.11725 35.19316 35.41234 35.33064 35.33064 35.10537 35.29210 35.35633 35.36975 35.71819 35.92833 36.04476 35.92836	.00 GR.  CP10628205028047230578406665081201048212648159461924026733293003348000381	CP20809906817064660637307309080280936911775167601990023217265792940333363 .00399	CP3082500673706029058750667807231085881070812683157741883822296258122886632687	CP4 05754 04350 04192 03734 04377 05504 08867 10838 14088 17398 21229 24486 27117 32023 .00381	CP507702063160570406388074290821110397124851570918679284482560132988 .00373	CP6071180551605087044200481805422063200836410210130251612819769228042536530205	

## (CA-8) K1V9.1.2TS2H15.1F10

(PJF007) ( 01 JUN 76 )

## REFERENCE DATA

GRADIENT

.00000

-.01304

## PARAMETRIC DATA

.00508 .00612

.00505

SREF = 5500.0000 S LREF = 327.8000 I BREF = 2348.0000 I SCALE = .0400	N. YMRP		9100 IN.XC 9000 IN.YC 9500 IN.ZC				BETA = STAB =	.000 -2.000	RN/L = ELEVTR =	1.090
	RUN NO.	7/ 0	RN/L =	.00	GRADIENT INTE	RVAL = -5.	00/ 5.00			
MACH -154 -154 -155 -155 -155 -155 -155 -155	ALPHAW .554 2.583 4.680 6.643 8.673 10.754 12.725 14.790 16.844 18.815 20.901 22.909 24.909 24.909	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.07643 35.04464 35.02258 35.12722 35.30274 35.23044 35.27935 35.47300 35.47300 35.49720 35.55256 35.68959 35.79856 35.86613	CP106170051170487104671059050651607716102001285215853262982629826297732656	706901 06723 806723 807475 607907 609128 011477 814021 16859 819788 823194 626677 29930	CP30822106799061900573506822071160817910394128381567818697219.22565329190	CP4 - 6151 - 4791 - 04065 - 03909 - 04373 - 05297 - 06828 - 08703 - 11330 - 11413 - 17367 - 21111 - 25112 - 27720 - 31951	CP50804606704059480597730623307174082581016812915157511859622341262792876832900	CP607362058040438104595050020639208041104971320415910195582345330072	

.00319

.00318

(CA-8) KIV9.1.2TS2HI5.1F10

(PJF008) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

	RUN NO	. 8/ 0	RN/L =	.00 GF	ADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW . 492 2.555 4.587 6.648 8.730 10.760 12.760 14.788 16.840 18.851 20.802 22.934 24.866 26.935 28.956 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.18949 35.14064 35.23312 35.19103 35.33821 35.21416 35.14584 35.23608 35.16462 35.35149 35.41894 35.55195 35.60635 35.51619 35.94178 01057	CP10578404940049400488204674050650636907963098851247615438187702257926047298643288300221	CP2077350683106761064060682707866094001129313796165401973723376266993032133241	-CP3079060665506202057310602807050084291020012562151961855122180255992948132324	CP40621304906041140398704547050290709208793113191459117585213362459427783	CP5080010671405984058220688406884084781023012866157631874222341255332852932655	CP60740205899048610442004848047380659508197104996161482564429803

35.30922

35.38010

35.41903

35.42561

-.01049

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.00000

(CA-8) KIV9.1.2TS2HI5.1F10

(PJF009) ( 01 JUN 76 )

-.20020

-.22936

-.25895

-.30584

.00494

PARAMETRIC DATA

-.22526

-.25620

-.20591

-.33054

.00377

-.21938

-.25249

-.28436

-.32998

.00360

#### REFERENCE DATA

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.155

. 155

.155

20.439

22.416

24.448

26.496

GRADIENT

1.090 SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC BETA = .000RN/L = ELEVTR = -23,000 STAB -2.000 YMRP = LREF = 327.8000 IN. .0000 IN.YC ZMRP BREF = 2348.0000 IN.190.7500 IN.ZC SCALE = . 0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 9/ 0 RN/1 = .00 CP6 CP3 CP4 CP5 MACH ALPHAM BETA Q(PSF) CP1 CE5 -.08321 -.07952 -.06664 35.21377 -.06967 -.08828 -.09223 . 155 -2.391 .00000 -.05729 -.06432 -.06868 -.04796 .155 .120 .00000 35.23126 -.04969 -.06762 -.04307 -.05919 -.04971 2.206 -.04599 -.06456 -.06238 35.16954 .154 .00000 -.04660 -.05930 ~.04263 -.05797 -.04561 -.06321 4.227 .00000 35.15555 . 154 -.04705 -.06250 -.04817 -.06159 -.04996 -.06810 6.265 35.21088 . 155 .00000 -.05464 -.06511 -.07420 -.05802 -.07338 -.08009 .154 8.280 .00000 35,17782 -.08719 -.07217 -.08364 -106579 -.09436 . 154 10.274 .00000 35.15571 -.07908 35.17360 -.11446 -.08259 -.09912 -.09212 -.10277 . 154 12.361 .00000 -.12924 -.13844 -.11774 -.12853 -.10504 35,24098 -.12424 .155 14.354 .00000 -.15954 -.13592 -.16422 -.15090 35.23149 -.16176 -.17452 .155 16.459 .00000 -.16697 -.193"2 -.19108 -.18376 18.465 .00000 35.27884 -.19215 -.20406 . 155

-.23539

-.26916

-.30898

-.33174

.00367

- .225 2

-.25964

-.30198

-.32186

.00489

- .22475

-.25947

-.30011

-.32456

# DATE 36 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F10

(PJF010) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

JILE,	RP = 1339.9100 IN.XC		BETA = STAB =	RN/L = ELEVTR =	1.090
	RP = 190.7500 IN.ZC				
SCALE = .0400					
		COLOURNIT INTERVAL = -F	5 00/ 5.00		

.0400	RUN NO.	10/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.0	00/ 5.00		
MACH . 155 . 155 . 155 . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.755 .118 2.227 4.218 6.233 8.228 10.331 12.729 14.415 16.395 18.498 20.466 22.514 24.493 26.442 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	35.35066 35.30663 34.98757 35.09117	CP10722805324049060493505341070260830213382162842016323135267002989832860 .00332	CP2091230723306832067290720708670098031207314948176592145624284277783087633634	CP3095480724206488064290666408048091061115013873166032042123178267062998432554	CP40677704633040970438904822061820739909297118201497118874223242583425834258342583425834	CP5087160653006030062020663008035089281058413200160661989323191265382927134096	CP60820805727049610496605123060920701008585106861736720574238802654831645

# (CA-8) KIV9.1.2TS2H15.1F10

# (PJF011) ( 01 JUN 76 )

# REFERENCE DATA

SREF =	5500.0000	SO ET VADD							PARAMETRIC	DATA	
LREF = BREF = SCALE =	327.8000	IN. YMRP	· =	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAS =	.000	RN/L = ELEVTR =	1.090
		RUN NO.	11/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 156 . 156 . 156	ALPHAW -2.716 .184 2.199 4.213 6.293 8.297 10.314 12.540 14.415 16.439 18.448 20.478 22.522 24.476 25.622 GRADIENT	BETA .00000	Q(PSF) 34.97808 34.74818 34.75666 34.85300 35.19827 35.36583 35.09292 35.06988 35.19813 35.30526 35.57593 35.80846 35.76333 35.95786 01842	CP1073950565404881052120560906657079691037412969161421987522997267983007733488 .00335	CP2095000772006975071780768808507098691225914750178032153224483281033130634496 .00352	CP309905075710671206714070270779508956112281355016586203302327226969302833340600477	CP40718505224048530460005334059340765509469121671506518499225990259902903634120	CP5090350708106703063850713407627088941345813458160951932529179265352947834414	CP6086250631005620051150559005687071110859911140136751673120128238502680331974 .00505	

DATE 06 JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K1V9.1.2TS2H15.1F10G5.3.5

PAGE 345

(PJF012) ( 01 JUN 76 )

.00492

## REFERENCE DATA

GRADIENT

.00000

-.01782

## SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

BETA = .000 RN/L = 1.090 STAB = -2.000 ELEVTR = .000

PARAMETRIC DATA

	RUN NO.	15/ 0	RN/L =	.00 GF	RADIENT INTE	$RVA'_{-} = -5.$	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
. 154	-1.845	.00000	35.07877	05514	07676	07111	06245	09100	08005
. 154	.219	.00000	35.13663	04633	06695	05927	04817	07752	05339
. 154	2.184	.00000	35.02641	-,04843	06675	05870	03790	07111	05336
. 154	4.289	.00000	34.99382	05132	06728	06039	03566	06978	04994
. 155	6.318	.00000	35.21436	06018	07312	06855	04478	07762	05539
. 155	8.322	.00000	35.30102	06986	07883	07608	05410	08519	06288
. 155	10.423	.00000	35.31405	08983	09796	09610	07173	10094	07807
. 155	12.328	.00000	35.16367	11654	12138	12055	09216	12089	09757
. 155	14.450	.00000	35.19702	14350	14688	14705	11793	14781	~.12048
. 155	16.428	.00000	35.23394	17793	-,17919	18129	14909	17574	14967
. 155	18.487	.00000	35.47135	21223	- 21239	21567	- 18442	20962	18315
. 156	20.463	.00000	35.61223	24389	24118	24563	21757	24230	21592
. 155	22.554	.00000	35.31363	28062	27569	28167	25219	27443	24841
.155	24.495	.00000	35.35497	31620	30963	31827	28636	30690	28035
.157	26.305	.00000	36.27971	34635	33902	34626	32995	34849	32324

.00141

.00161

.00444

.00343

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(CA-8) KIV9.1.2TS2H15.1F20

(PJF013) ( 01 JUN 76 )

# REFERENCE DATA

# PARAMETRIC DATA

SREF = 5500.00		= 1339.9100	IN.XC	BETA =
		= .0000	IN.YC	
BREF = 2348.00	00 IN. ZMRP	= 190.7500	IN.ZC	
SCALE = .04	00			

BETA =	.000	RN/L	=	1.	090
--------	------	------	---	----	-----

	RUN NO.	13/ 0	RN/L =	.00 GRADI	ENT INTER	VAL = -5.0	00/ 5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -1.832 .153 2.239 4.223 5.323 6.342 7.386 8.368 9.399 10.353 11.316	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.23687 35.32032 35.33803 35.31652 35.23035 35.14596 35.14597 35.21399 35.07469 35.07582	CP10539005029050280478004907059020605907276076880829409392	CP2 - 08316 - 06922 - 06984 - 06601 - 06805 - 07697 - 07697 - 08822 - 09142 - 09809 - 10887	CP30865206956066440620806225070940705508131085080907110069	CP4 06156 04866 04521 04230 04520 05037 05219 05929 06694 07490 08380	CP50802106721063240601306323068200706707762082460895409781	CP607416059420527704757050030528805397063970715607896
. 154 . 155 . 155	12.399 13.402 14.368	.00000 .00000 .00000	35.05212 35.18841 35.25142	12190 -	.11908 .13593 .14708	11024 12735 13770	09528 10842 11997	10936 12281 13446	09017 10173 11148
. 155 . 155 . 155	15.493 16.477 17.460	.00000 .00000 .00000	35.16449 35.23507 35.27126	16260 - 18434 -	.16125 .17415 .19543	15208 16467 18604	13534 14999 16885	15028 16215 18063	12513 13833 15646
.155 .155 .155	18.440 19.511 20.434 21.423	.00000 .00000 .00000	35.28095 35.40025 35.45917	22365 - 23718 -	.21091	20189 22428 23681	18693 20925 22220	19862 22081 23325	17367 19449 20643
. 155 . 155 . 155	22.477 23.566 24.448	.00000 .00000 .00000	35.39590 35.44146 35.37940 35.44031	27177 - 29365 -	.25762 .27822 .29929 .31537	24912 26978 29215 30994	24103 26104 28059 28800	25131 27109 28928 29699	2538 24513 26259 26859
. 156	25.570 26.387 GRAD1ENT	.00000	35.58993 35.55995 .01266	32002 - 33662 -	.32418 .34036 .00250	31726 33248 .00377	31164 33399 .00302	31933 34209 .00317	29323 31532

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F20

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(PJF014) ( 01 JUN 76 )

# REFERENCE DATA

SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. Y IN. Z	MRP =	1339.9100 .0000 190.7500	IN.YC
.0100				

		PARAMETRIC	DATA		
BETA	=	.000	RN/L	- -	1.090

	RUN NO.	14/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00		
MACH 1545 1555 1555 1555 1555 1555 1555 155	ALPHAW -1.882 .302 2.248 4.330 5.287 6.336 7.383 8.302 9.391 10.379 11.380 12.407 13.436 14.509 15.429 16.457 17.545 19.557 20.434 21.454 22.485 23.506 24.526 25.515 26.418 GRADIENT	BETA .00000	Q(PSF) 35.01708 35.16626 35.16626 35.19290 35.24613 35.30818 35.27775 35.25116 35.19391 35.19246 35.19871 35.19857 35.286916 35.286916 35.31743 35.31743 35.323474 35.323474 35.323474 35.323474 35.323474 35.323474 35.72020 35.72820 35.72820 35.77848 35.98495	CP10625005315048840513105298058860704407418083250925410104114791260114250157791743519156211612315624305260582789929750313233298933657 .00185	CP2081060709806689066890712207471085290872009508105931139612675137141563418200198662184423686247182638228160299443142933570 .00209	CP308462071370640406411064912079380897509925106841184312906144151588817361190852113229862403332572427578294273105376 .00336	CP40612204672045290452904585055070596705967069360745910965123891238913717153632138122614246302612527503291563121532978 .00246	CP507906064920627706346068450661507423078920858709074113211252914198154271681319965225982398423984239240	CP60732607326073260503105039055660589806542071730813809232104271171412830162871734916287212652468952742329542731415

(CA-8) KIV9.1.2TS2HI5.1F20

(PJF015) ( 01 JUN 76 )

# REFERENCE DATA

# PARAMETRIC DATA

								5 5	
SREF = 5500.00 LREF = 327.80 BREF = 2348.00 SCALE = .04	00 IN. ZMRP	= 1339.9100 IN = .0000 IN = 190.7500 IN	I.YC			BETA = STAB =	.000 -6.000	RN/L = ELEVTR =	1.090
	RUN NO.	15/ 0 RN/L	= .00	GRADIENT INTE	ERVAL = -5.	00/ 5.00			
MACH 15 15 15 15 15 15 15 15 15 15 15 15 15	54 -1.806 54 .212 54 .203 54 4.288 55 8.354 55 8.354 55 10.368 55 12.415 55 14.427 55 14.427 55 18.466 55 20.486 55 22.477 56 24.435	BETA 0(PS 100000 35.054 100000 35.055 10000 35.000 35.143 1000000 35.143 10000000 35.143 10000000 35.143 1000000 35.143 1000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 10000000 35.143 100000000000000000000000000000000000	.06307 .05265 .07367 .05705 .05705 .05705 .07367 .07367 .07367 .07367 .07367 .07469	07006 06587 07364 07158 08616 10348 12689 15190 18553 21995 25385 28210 31199 31199	CP3083980695006386069500662208033096441177814279175832115524446273363057733469 .00240	CP40583904482041580458305984080310990512473156301900923188263572889233193	CP5077410651360613606474067200801209597114651425517044203592444927565299043416200205	CP6071070560005071051310512105884076330940911656144931762221727247652701431383	

(PJF016) ( 01 JUN 76 )

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2HI5.1F20

# PARAMETRIC DATA

REFERENCE DATA				TANANCTITO OTTO	
SREF = 5500.0000 SQ.FT. XMRP LREF = 327.8000 IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC		BETA = STAB =	.000 RN/L = -4.000 ELEVTR =	1.090
BREF = 2348.0000 IN. ZMRP SCALE = .0400	= 190,7500 IN.ZC				
RUN NO	. IE/ 0 RN/L =	.00 GRADIENT INTER	RVAL = -5.00/ 5.00		
MACH ALPHAW	BETA Q(PSF) .00000 34.87353 .00000 35.19199 .00000 35.29231 .00000 35.31960 .00000 35.351960 .00000 35.35744 .00000 35.32678 .00000 35.41228 .00000 35.45613 .00000 35.62834 .00000 35.62834 .00000 35.92847 .00000 35.92847	CP1	CP3	CP508269076230702706103064370522506316049140687405225082140612309487113600927214783121871708214783203891775624348216212742330051272613380800438	

# (CA-8) KIV9.1.2TS2H15.1F20

(PJF017) ( 01 JUN 76 )

# REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

BETA = .000 RN/L = 1.090 STAB = -2.000 ELEVTR = .000

PARAMETRIC DATA

	RUN NO	17/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 156	ALPHAW -1.882 .199 2.258 4.302 5.361 6.348 7.348 8.367 9.474 11.420 12.486 13.415 14.459 15.442 16.580 17.589 18.561 19.509 20.514 21.599 22.527 23.523 24.525 25.485 GRADIENT	BETA .00000	Q(PSF) 35.21898 35.19085 35.16494 35.28711 35.28711 35.32743 35.26120 35.34302 35.34302 35.34342 35.24201 35.19804 35.21248 35.21248 35.23967 35.26100 35.37767 35.36629 35.63687 35.63687 35.63687 35.57901 35.575804 35.90244 00875	CP10718706130052670526705268065640720807958094381053810538118321285114462156681793619869211032110324803262092817329404312223289634309 .00224	CP20823007184063630686907476080580805808671101511128412537134941500216179183621617925440254482634826348263482634826348263482634826348	CP309129077820666307090075490750307980086060940209941110301215213115146211573118000198232095124589259022784829210309273387600352	CP4059790462204080041260459904735053600592806623076620837412882128871359215351173681863820997251126863290883146729088	CP5085660715106536066000703607858082440874709700103951150612923143731565817067191572031422643246832593427656282143032538217	CP607857062200524605256055570555960596406958077930837609427107541184813050145561764719972232532353462754129378

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DAT	F	16 . 1111	76

# CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) KIV9.1.2TS2H15.1F20G5.3.5

(PJF018) ( 01 JUN 76 )

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R	۴	F	F	R	۴	N	C	F	ח	Δ	TA	
1,	4	٠.	<b>-</b>	٠,	_			_	u	n		١.

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	
LREF = 327.8000 IN. YMRP	= .0000 IN.YC	
BREF = $2348.0000$ IN. ZMRP	= 190.7500 IN.ZC	
SCALE = .0400		

BETA STAB	=	RN/L ELEVTR	= =	1.090 000.

	RUN NO	). 18/ 0	RN/L = .00	GRADIENT INT	ERVAL = -5.	.00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6
. 155	-1.873	.00000	35.218400577	907957	07242	05936	08612	07474
. 155	.172	.00000	35.350290470	06824	05825	04408	07069	05812
. 155	2.311	.00000	35.1853304809	06933	05554	04327	07345	05611
. 155	4.376	.00000	35.2947604878	05927	05418	04009	07311	05205
. 155	6.348	.00000	35.308170592	07653	06257	04414	08001	05585
. 155	8.425	.00000	35.1679507359	508700	07477	05398	09042	06185
. 154	10.334	.00000	35.060430948	310480	09654	06973	10298	07711
. 154	12.433	.00000	35.127601172	312428	11782	09093	12428	09790
. 155	14.567	.00000	35.150471491	115353	14835	12269	15761	12722
. 155	16.481	.00000	35.1872917689	917809	17528	14753	17877	15017
. 155	18.454	.00000	35.315782139	721161	21210	18358	21444	18558
. 155	20.516	.00000	35.553452515	124911	25127	22272	25289	22386
. 155	22.546	.00000	35.553202833	727508	28157	24899	27697	24862
. 156	24.571	.00000	35.94532 -,3199	331096	31968	28390	30915	28186
.157	26.275	.00000	36.0426034450	533338	34240	31818	34362	31716
	GRADIENT	.00000	.00284 .0012	+ .00142	.00274	.00280	.00172	.00335

# (CA-8) KIV9.1.2TS2H15.1F20

(PJF019) ( 01 JUN 76 )

# REFERENCE DATA

#### PARAMETRIC DATA

COCC							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SC 327.8000 IN 2348.0000 IN	VMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB =	.000 -4.000	RN/L = ELEVTR =	1.090
SCALE =	MACH .155 .155 .156 .155 .155 .155	RUN NO.  ALPHAW -2.827 -54 -2.88 4.334 6.328 8.367 10.397 12.420	19/ 0 RN/L =  BETA	.00 CP1 0690 0517 0540 0576 0715 0868 1134	CP2 CP3  080877409162  080689706905  790700006652  070718206721  060747306839  000862307976  081025209447	CP4 06566 04742 04031 04347 04818 05955 07166	CP50853006654059610625406735077390863511422	CP60804805755048430491405114057070669109337	
	. 155 . 155 . 155 . 156 . 156 . 156 . 157	14.459 16.485 18.489 20.505 22.543 24.503 26.379 GRADIENT	.00000 35.22314 .00000 35.37013 .00000 35.18959 .00000 35.51636 .00000 35.73210 .00000 35.94494 .00000 36.03200 .0000000279	1394 1713 2067 2430 2704 3050 3330	61540914308 21843617318 52188720779 22539324372 52794826954 53136730469 43397832808	12601 15295 19072 22749 25612 29504 34084	14152 16458 20180 23679 26444 30099 34615	11570 11570 13929 17559 20958 27435 27435 32175	

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

35.47320

35.55202 35.45060

35.39134

-.03445

.00000

.00000

.00000

.00000

.00000

(CA-8) KIV9.1.2TS2H15.1F20

(PJF020) ( 01 JUN 76 )

-.21248

-.21+352

-.27175

-.31444

.00517

-.23900

-.27048

-.29885

-.33890

.00394

-.23207

-.26510

-.29413

-.33678

.00377

## REFERENCE DATA

20.537

22.521

24.447

26.420

GRADIENT

.155

.156

. 155

. 155

# PARAMETRIC DATA

-.23934

-.27002

-.30120

-.32968

.00479

SREF LREF BREF	= 3	00.0000 27.8000 48.0000	IN. Y	MRP =	39.9100 IN.XC .0000 IN.YC 90.7500 IN.ZC				BETA = STAB =	.000 -4.000	RN/L = ELEVTR =	1.090 10.000
SCALE		.0400										
			RUN	NO. 20/	0 RN/L =	.00	FADIENT INTE	RVAL = -5.	00/ 5.00			
		MACH . 155 . 155 . 155	ALPHAW -2.786 .216 2.253	.0000 .0000 .0000	0 35.12316 0 35.16668	CP1 07496 05107 04560	CP2 09266 06881 06410	CP3 09721 06821 06045	CP4 06924 04682 04080 04354	CP5 08806 06547 05919 06107	CP6 08236 05596 04737 04660	
		.155 .155 .155	4.286 6.367 8.420 10.401	.0000 .0000	0 35.15811 0 35.24397	05231 05978 07066 08922	06962 07649 08539 10501	06473 07092 07884 09641	05126 06150 07727	06817 07863 09037	05208 05782 07116	
		.155 .155 .155	12.455 14.479 16.506 18.565	0000. 0000.	0 35.21464 0 35.19580	10811 13871 17094 20566	12309 15367 18400 21791	11263 14273 17330 20739	09842 12377 15612 19164	11105 13723 16575 20081	08998 11182 14075 17421	

-.24011

-.27124

-.30317

-.33280

-.25085

-.28090

-.31105

-.34083

## (CA-8) KIV9.1.2TS2H15.1F20

(PJF021) ( 01 JUN 76 )

REFERENCE DA	ATA			PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN. YMRP = .0000 IN. ZMRP = 190.7500 IN.	rc	BETA STAB	= .000 RN/L = = -4.000 ELEVTR =	1.090 -10.000
	RUN NO. 21/0 RN/L	= .00 GRADIENT	INTERVAL = -5.00/ 5.0	0	
.155 -2155 2155 2155 4155 8155 8155 10155 12155 14155 16155 18155 18156 20156 22.	### BETA 0(PSF   1772	707329092 05058069 04885068 505231070 605723075 607136086 608736103 11070126 513466149 613466149 620518217 23799249 27629249 33492341	51068030466 10063600438 54065110449 5506500525 78079580525 46095420761 95115901022 74138251253 85170311585 35206591892 54237952271 65275302644 08304802931 70331003379		

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F20

(PJF022) ( 01 JUN 75 )

# REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

PARAMETRIC DATA

.000 RN/L = 1.090-4.000 ELEVTR = -23.000 STAB

	RUN NO. 22/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.0	00/ 5.00		
MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW BETA -2.739 .00000 .214 .00000 4.258 .00000 4.297 .00000 6.353 .00000 10.355 .00000 12.394 .00000 14.454 .00000 16.482 .00000 18.474 .00000 20.482 .00000 22.472 .00000 24.465 .00000 26.596 .00000 GRADIENT .00000	Q(PSF) 35.09860 34.99970 35.17534 35.17088 35.17345 35.08657 35.09356 35.29016 35.29016 35.27327 35.39163 35.95244 35.88253 35.91171 03392	CP1067100486904086050140571608356104221325416519202462308026272294493272200274	CP2085200672905997068730718708377100571208614783178402155224212273093034133508	CP3088680663805579062460650007584091651359413594167562038723058261762939032273	CP40599004!16038980382204760058040728409529120015016186062202256502861533763	CP507770059520546805459074480657813432159111952726243262432962833974	CP60727105009045010417204807054330656110913134691686320277234882630131516 .00439

(CA-8) K1V9.1.2TS2H15.1F30G5.3.5

(PJF023) ( 01 JUN 76 )

# REFERENCE DATA

SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC		BETA = STAB =	.000 RN/L = -4.000 ELEVTR =	1.090 -23.000
	RUN NO.	23/ 0 RN/L =	.00 GRADIENT INTE	RVAL = -5.00/ 5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.632 .284 2.327 4.410 6.367 8.466 10.466 12.458 14.469 14.505 18.525 20.522 22.535 24.491 26.818 GRADIENT	BETA Q(PSF) .00000 35.39303 .00000 35.11493 .00000 35.27424 .00000 35.32577 .00000 35.03486 .00000 35.21836 .00000 35.22487 .00000 35.18906 .00000 35.19246 .00000 35.19246 .00000 35.9930 .00000 35.47583 .00000 35.59509 .00000 35.74044 .00000 35.86669 .0000000528	CP1	CP3	CP5	

DATE 06 JUL 76

# CA-B - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F30G5.3.5

(PJF024) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500.0000 S0.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC BETA = .000 RN/L = 1.090 STAB = -4.000 ELEVTR = -10.000

PARAMETRIC DATA

SCALE = .0400

GRADIENT INTERVAL = -5.00/ 5.00 .00 24/ 0 RN/L = RUN NO. CP5 CP6 CP4 CP2 CP3 CPI Q(PSF) ALPHAW BETA -.06487 MACH -.07773 -.04674 .07158 -.07602 -.05886 35.18215 -1.780.00000 .155 -.05307 -.06832 -.03766 -.06596 -.05914 -.04897 35.16858 .00000 .,283 -.04907 . 155 -.03492 -.03325 -.06660 -.05556 -.06411 35,17490 -.04770 2.447 .00000 . 155 -.06548 -.04567 -.05332 -.06219 -.07813 -.06780 -.05904 35.34089 35.17478 35.03186 4.399 6.375 8.576 .00000 -.04081 -.05660 -.07672 -.09931 -.12193 -.15166 . 155 -.07325 -.05174 -.07463 -.08744 -.06787 .00000 . 155 -.08902 -.06443 -.08170 .00000 . 155 -.08081 -.10466 -.1051L -:10902 -.10165 10.609 12.617 14.526 .00000 35.16498 -.10130 . 155 -,12617 -.12963 -.12736 -.13360 .00000 35.20048 -.12235 . 155 -.14955 -.15204 -.18010 -.15313 -.15638 .00000 35;22236 .155 -.14990 -.17710 -.17956 -.18128 35.27042 .00000 16.573 .155 -.18468 -.18010 -.21971 -.25082 -.28150 -.31237 -.34335 -.21245 -.18798 -.21922 -.21967 35.33887 .00000 . 155 18.557 -.21770 -.22189 -.24438 -.25063 -.24829 35.48249 20.561 .00000 -.25365 -.28120 -.33334 .00209 .156 -.27360 -.24679 -.27658 -.28011 35.59342 22.541 .00000 .156 -.27268 -.29907 -.30604 -.33526 .00130 -.31236 35.79867 24.551 .00000 . 156 -.35002 -.32669 -.33970 26.536 .00000 36.12889 . 157 .00186 .00299 .0020! .00088 .02297 GRADIENT .00000

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(CA-8) KIV9.1.2TS2H15.1F30G5.3.5

(PJF025) ( 01 JUN 76 )

## REFERENCE DATA

# PARAMETRIC DATA

SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP IN. ZMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = .000 STAB = -4.000	RN/L = 1.090 ELEVTR = -10.000
MACH	RUN NO.  ALPHAW -1.807 -266 -2.430 -4.421 -6.546 -8.567 -10.445 -14.501 -16.539 -18.616 -20.563 -24.463	25/ 0 RN/L =  BETA	.00 GRADIENT INT  CP1	CP30628905381052920584606495078160983512093144771773021749248022784130632	CP4 CP50456506303038600626303437058310458707023059370820007802097931014512047124271436015714174691925620866226852414725617268712834729456	CP605652047680413504380048410586707503096361:6231:6231:47221805121311240152673432178
	GRADIENT	-,00686	00014 .00004	.00069	.00125 .00107	.00215

DATE 06 JUL 76

## CA-8 - FORCE SOURCE DATA TABULATION

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# (CA-B) KIV9.1.2TS2H15.1F30G5.3.5

( 01 JUN 75 1 (PJF026)

		m . + /	
H+++	RENCE	11010	

	REFERENCE DAT	A				PA	RAMETRIC DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SQ.FT. 327.8000 IN. 2348.0000 IN. .0400	YMRP = .	9100 IN.XC 0000 IN.YC 7500 IN.ZC			BETA = STAB =	.000 RN/L -4.000 ELEVTR	= 1.090 = 10.000
	R	UN NO. 26/ 0	RN/L = .00	GRADIENT IN	TERVAL = -5.00/	5.00		
	MACH ALPH .155 -1.7 .155 .3 .155 .4.4 .155 .6.5 .155 .8.5 .155 .10.5 .155 .10.5 .155 .14.6 .155 .16.6 .155 .18.5 .156 .20.6 .156 .20.6 .156 .24.6 .157 .26.4 .6RADIE	77 .00000 48 .00000 27 .00000 42 .00000 18 .00000 71 .00000 48 .00000 94 .00000 02 .00000 39 .00000 10 .00000 19 .00000 19 .00000 88 .00000 52 .00000	35.2579512 35.0295515 35.1697818 35.3108525 35.5214725 35.6866925 35.7053431 36.1988133	504207064 149206396 162106401 188506763 165708896 167708896 167710445 167710445 167713244 167713244 16771828 167821761 167825257 1813927900	05447 05225 05477 06896 07987 09610 12454 15153 18296 21400 25121 28113 31092 33340	049110360703382034750465705822074990996512278158541585	CP5	51 69 12 95 55 47 00 62 22 415 75 84 30

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(CA-8) KIV9.1.2TS2H15.1F30G5.3.5

(PJF027) ( 01 JUN 76 )

## REFERENCE DATA

#### PARAMETRIC DATA

					CARABETRI	C. DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP =	.9100 IN.XC .0000 IN.YC .7500 IN.ZC		BETA STAB	= .000 = -4.000	RN/L = ELEVTR =	1.090 17.000
	RUN NO. 27/ 0	RN/L = .00	GRADIENT INTERV	AL = -5.00/ 5.	00		
MACH 155 155 155 155 155 155 155 155 155 15	ALPHAW BETA -1.804 .00000 .262 .00000 2.396 .00000 4.480 .00000 6.556 .00000 8.536 .00000 10.601 .00000 12.529 .00000 14.421 .00000 16.634 .00000 20.591 .00000 22.533 .00000 24.582 .00000 26.401 .00000 GRADIENT .00000	Q(PSF) CP1 35.119210532 35.112360433 35.1163400433 35.107380498 35.155530666 35.202490783 35.202490783 35.261380973 35.128431166 35.265091490 35.467391857 35.404822162 35.562652529 35.658922798 35.875113137 36.017113441	3506518 3906230 3306771 3306155 3509034 3410790 3412522 3415572 3818926 3721881 3925317 3927654 433920	CP3	1306488 9306322 6306590 9307499 9408855 9110278 4112243 4815045 1817883 4321175 6724642 4027081 2830071 6435387	CP60609004908044780449305067052730773209648120961498718201219532417832822 .00248	

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### (CA-B) KIV9.1.2TS2H15.1F30G5.3.5

(PJF028) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

SREF =	:	5500.0000	SQ.FT.	XMRP	Ξ.	1339.9100	IN YO			BETA	_	000	DM III	1 000
LREF =		327.8000									=	.000	RN/L =	1.090
				YMRP	=	.0000	IN.YC			STAB	. =	-6.000	ELEVTR =	.000
BREF =	= 1	2348.0000	IN.	ZMRP	=	190.7500	IN 7C					0.000		
SCALE =		.0400	- 51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				114.20							
DOWLE -	•	.0400												

	RUN NO. 28/ 0	RN/L = .00	GRADIENT, INT	FRVAL = -5	007 5 00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	RUN NO. 28/ 0  ALPHAW BETA -1.846 .00000 .316 .00000 2.456 .00000 4.459 .00000 6.468 .00000 10.495 .00000 12.532 .00000 14.498 .00000 14.498 .00000 16.602 .00000 18.599 .00000 20.571 .00000	RN/L = .00  O(PSF) CP1  35.2166605i  35.1248203i  35.0422104i  35.1965905i  35.0217006i  35.1626807i  35.1592212i  35.2308215i  35.2308215i  35.1951422i  35.4124825i  35.4124828i	CP2 07907089 8610528 659006535 02806771 78808241 92209024 44810386 14312829 21715611 66218552 21422205	CP3061300478205292054980712308114096201222815170181902213825015	CP404440039120351603714046130585507656098111257516172161721911522603	CP50727006826068720793508982105281264815546189622173725117	CP6059180518004634046930546206397079910996912522160011873726138
		35.41248256 35.43890281 35.9730831	72224885 15827517 75130940	25015 27991 31732	25535 25535 28593	25119 27837 30680	22138 24987 27835
	GRADIENT .00000	36.31780341 00728000		33820 .00068	32838 .00124	34860 .00067	32190

(CA-8) KIV9.1.2TS2H15.1F30G5.3.5

(PJF029) ( 01 JUN 76 )

# REFERENCE DATA

### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	SQ.FT, XMRP IN. YMCP IN. ZMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB =	.000 -4.000	RN/L = ELEVTR =	1.090
		RUN NO.	29/ 0 RN/L =	.00 GRADIEN	NT INTERVAL = -5.0	00/ 5.00			
	MACH - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 156 - 156 - 156 - 158	ALPHAW -1.724 .319 2.482 4.418 6.466 8.380 10.466 12.552 14.591 16.592 18.516 20.563 22.407 24.379 26.410 GRADIENT	BETA 0(PSF) .00000 35.23801 .00000 35.21162 .00000 35.19878 .00000 35.19312 .00000 35.19510 .00000 35.19817 .00000 35.20583 .00000 35.20559 .00000 35.35639 .00000 35.52556 .00000 35.52556 .00000 35.52556 .00000 35.52556	051440538106090071220609010259112695115315118977122078220782254022821630803345643	CP3 0635207501 0567006540 0590106503 0663407085 07538087087 0841908787 0847710836 280913116 0524515574 0871519143 0871519143 0871522149 087738128156 0892930765 0355034328	05439 07345 09839 12169 15380 18924 22521 25289 28077	CP5073570631305883064710737730847910115124301788417889218372483724837371223001634714	CP606525052390465404890054870637608019123491528318693217024509245092742232188 .00269	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

(PJF030) ( 01 JUN 76 )

DATE DE JUL 76

# CA-B - FORCE SOURCE DATA TABULATION

(CA-8) KIV9.1.2TS2H15.1F30G5.3.5

### PARAMETRIC DATA

# REFERENCE DATA

XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. ZMRP = 190.7500 IN.ZC

BREF = 2348.0000 IN. SCALE = .0400

BETA	=		RN/L	=	1.090
STAB	=	-2.000	ELEVTR	=	.000

CP3 CP4	CP5	000
06689	07452 06454 06454 06929 05896 07454 07840 08399 08987 11177 11873 13910 15495 17512 16495 17512 19531 21187 23187 23187 24486 25948 27292 28762 30200 32366 34798	CP60664330543790437105815058815058815058850079500795009650115973159781597815978159781597815978159781597815978159781597815978159781597815978
	06814	066890338306454 068140305206168 069960280405896 076440380006929 077210425307454 084040474907840 094920538708399 102990620708987 110190732210016 121040847411177 130370920311873 143511119813910 172571394416495 172571394416495 186751504817512 243342874021107 243342874021107 243342876825948 269342376825948 284782525527292 293412675328762 328223049432366 340343296234798

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# (CA-8) KIV9.1.2TS2HI5.1F30G5.3.5

(PJF031) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

.00330

SREF = 5500.0000							PARAME IRI	DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC				BETA = STAB =	000. 000.s-	RN/L = ELEVTR =	1.090
	RUN NO.	31/ 0 RN/L =	00 05	\					
MACO			.00 GF	RADIENT INTE	RVAL = -5.	.00/ 5.00			
MACH -155 -155 -155 -155 -155 -155 -155 -15	ALPHAW -1.704 .279 2.330 4.315 5.409 6.462 7.458 9.555 10.551 11.548 12.550 13.5716 14.521 15.477 16.529 17.495 18.530 19.646 20.499 GRADIENT	BETA	CP10490+044900442805372055742065380772408011095251043611667130111454016145174791899520940229432436325787	CP20685506377062180688807171078280869208598101411083811904131301454416092171481847220352222792356024885	CP306226055480552605947062800713108120085200966911921132721466016315177421912721196231972439724397	CP4052060405103665035650392604341052470570606728071090861509930113791273513513127351713819013202720264	CP50813006998068220690107399078580859009112099911019911661130181452715634816534819969217252353424863	CP6067200541004879046840509005391065220743807684091781176912936137201588517232190022081622127	

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(CA-8) KIV9.1.2TS2 F30G5.3.5

SCALE = .0400

# REFERENCE DATA PARAMETRIC DATA

(PJF032) ( 01 JUN 76 )

SREF = 5500.0000 SQ.FT. XM	?P =	1339.9100 IN.XC			BETA =	.000 RN/L	Ε.	1.090
LREF = 327.8000 IN. YM	₹P =	.0000 IN.YC						
BREF = 2348.0000 IN. ZM	₹P =	190.7500 IN.ZC						

	RUN NO.	35/ 0	RN/L =	.00	GRADIENT INT	ERVAL = -5	5.00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-1.720	.00000	35.23682	04857	07174	06063	05295	07866	06673
.155	. 369	.00000	35.04976	04286	06487	05128	04334	06982	05686 ·
. 155	2.260	.00000	35.03200	04691	06675	05372	03517	06691	04792
. 155	3.297	.00000	35.09134	05166	06935	05718	03733	06957	04910
. 155	4.421	.00000	35.13602	05256	07061	05842	04134	07426	05352
. 155	5.426	.00000	35.03748	05868	07546	06334	04427	07729	05491
. 155	6.542	.00000	35.05435	06885	08139	07255	04697	08299	05717
.155	7,506	.00000	35.12677	07629	08806	07983	05137	08583	05988
. 155	3.559	.00000	35.21142	08478	09512	08697	06252	09594	07030
. 155	9.421	.00000	35.30061	09047		09252	06410	09745	07130
.155	10.464	.00000	35.26782	10248	- 11047	10358	07596	10803	08206
.155	11.464	.00000	35.13801	11094	11875	11120	08727	11991	09356
.155	12.456	.00000	35.05678	12855	13469	12856	09711	12967	10202
.155	13.499	.00000	35.20932	14030	14500	13927	11244	14590	11731
. 155	14.463	.00000	35.20945	15493	15919	15404	12335	15687	12521
. 155	15.543	.00000	35.25174	17368	17566	17170	14606	17758	14780
. 155	16.461	.00000	35.26871	19149	19271	18999	15710	18728	15694
. 155	17.483	.00000	35.14792	21023	20997	20850	17368	- 20374	17313
. 155	18.476	.00000	35 . 35841	22625	22502	22417	19239	22187	19081
155	19.492	.00000	35.25785	24766		24454	20894	23827	20596
. 155	20.430	.00000	35.34719	25878		25625	22558	25428	22358
.156	21.453	.00000	35.52112	27186	26590	26795	24201	26910	53946
. 156	22.482	.00000	35.58961	28946	28252	28719	25280	27975	24968
. 156	23.413	.00000	35.88617	30394	29488	30018	26747	29314	26398
.156	24.470	.00000	35.84981	32020	31007	3185	28120	30606	27668
. 157	25.399	.00000	36.12352	33569	32500	33211	30854	33229	30457
.157	26.285	.00000	36.11378	35071	33807	34655	32639	35061	32294
	GRADIENT	.00000	01501	00095	.00001	.00010	.00220	.00085	.00253

(CA-8) KIV9.1.2TS3

F30G5.3 5

(PJF034) ( 01 JUN 76 )

.156

.157

.157

.157

23.451

24.447

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26.285

GRADIENT

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35.84162

35.97041 35.98499 35.95825

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-.33104

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-.28683

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-.29433

-.314E2

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-.34202

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-.27944

-.30144

-.32585 .00245

		REFER	RENCE DATA						PARAMETRI	C DATA	
	SREF = LREF = BREF =	5500.0000 327.8000 2348.0000	IN. YMRP	= 1339.9100 IN = .0000 IN = 190.7500 IN				BETA =	-000	RN/L =	1.090
٠	SCALE =	.0400									
			RUN NO.	34/ D RN/L	= .00	RADIENT INTE	RVAL = -5.	00/ 5.00			
		MACH	ALPHAW	BETA QIPSI	CPI	CP2	CP3	CP4	CP5	CP6	
		. 155	-1.750	.00000 35.180		07417	06562	- 05353	07484	06394	
		.155	.283	.00000 35,121	7204879	06974	05938	04183	06409	05095	
		.155	2.315	.00000 35.065	05106	07172	05894	04240	06653	05008	
		. 155	4.435	.00000 35.1878		07230	05925	04260	06750	04734	
		.155	5.394	.00000 35.1828		07918	06453	04850	07431	05321	
		. 155	6.403	.00000 35.191		08282	06930	~.05076	07831	05555	
		. 155	7.468	.00000 35.218		08778	07419	- 05615	08488	06090	
		.155	8.437	.00000 35.131		~.09630	08292	06000	08898	06340	
		. 155 . 155	9.427	.00000 35.038		10213	08868	- 06754	09731	07071	
		.155	10.447 11.464	.00000 35.1100		11381	10252	07644	10639	07888	
		.155	12.551	.00000 35.177 .00000 35.212		12226	11052	- 08941	11884	09135	
		.155	13.512	.00000 35.3018		13813	- 12727	10109	13045	10166	
		.155	14.499	.00000 35.0678		14959 16222	- 13966	11434	14319	11428	
		. 155	15.469	.00000 35.1113		17577	- 15306 - 16753	12579	15491	- 12523	
		. 155	16.480	.00000 35.116		19502	18814	14109 15837	17035 18659	14029 15564	
		. 155	17.450	.00000 35.191		21700	21187	17479	20240	17073	
		. 155	18.603	.00000 35.3225		22574	22040	19399	22103	19045	
		.155	19.573	.00000 35.3020		24645	24292	21091	23765	20616	
		.155	20.608	.00000 35.3730		25781	25529	22768	25409	22302	
		. 155	21.578	.00000 35.3658		27072	26856	~.24593	27172	24174	
		. 156	22.471	.00000 35.6117	7528415	28007	27966	25532	27972	24944	
		.156	23.451		2 - 20076	_ 20257	201.27	20000	2001-7	25.050	

-.29874

-.31824

-.33609

-.34795

-.00021

-.29257

-.31165

-.32768

-.33783

# CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8)	K2V9.	1.2TS2F30F	115.6.	165.3	3.5TS40	1

(PJF035) ( 01 JUN 76 )

R	F	F	F	P	F	N	$\sim$	F	n	Δ	T۸	

LREF = 32	0.0000 SQ. 7.8000 IN. 8.0000 IN. .0400		=	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = TORB = BDFLAP =	.000 -6.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO.	35/ 3	RN/L =	.00	GRADIENT INTE	IRVAL = -5.	00/ 5.00		•	
	MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -1.823 .272 2.367 4.461 6.438 8.528 10.488 12.534 14.535 16.519 18.655 20.590 22.663 24.663 26.806 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.19511 35.12685 35.20501 35.16323 35.28844 35.25476 35.3162 35.11212 35.1180 35.26246 35.34393 35.47687 35.61697 35.78959 35.98137 00083	CPI04852031270332703897044750580607525098561184591848922572265963012433385	04454 04323 04742 05019 06049 07613 09683 11593 14296 18001 21815	CP3061030413904381047570595107483097871182314685184292557266972991132895	CP4034260250401923017460229503183047370677909043117271536119108233422747632468	CP5068200580505211051250589906497080350986412032144921799621584257183973834668 .00271	CP605459042540347203177035970429605617075740957012112155901900223156272763237200364	

(CA-8) K2V9.1.2TS5F30H15.6.165.3.5TS401

(PJF036) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

CDEC									PARAMETRIC	DATA	
LREF =	5500.0000 S 327.8000 I 2348.0000 I .0400	N. YMRP	#***	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -6.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO.	36/ 0	RN/L =	.00 GR	ADIENT INTER	RVAL = -5.0	0/ 5.00			
	MACH 155 155 155 155 155 155 155 15	ALPHAW -1.791 .264 2.330 4.420 6.488 8.574 17.564 12.592 14.565 16.595 16.595 18.587 20.559 22.594 24.641 26.788 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.21870 35.24866 35.2441 35.24625 35.27711 35.33472 35.16901 34.97262 35.13128 35.27169 35.42153 35.61032 35.59977 35.57815 35.54711 .00282	CP10454303433030270356004147058110645509170116471489321418259392955833594 .00161	CP2062220509404343047040513106600070770950111902150001784321273255882908332936	CP3061840485604033044000485906298068560943.211937152771806.321683262522986333620	CP403717025990158101622019120350804289069100930012290152091520918891229062682632316	CP50671505589046250493606472071650961211894146191741020981248552859833970 .00347	CP60546404085028990280402880048610735909436121631216318480184472596531531	

CA-B - FORCE SOURCE DATA TABULATION

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(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(PJF037) ( 01 JUN 76 )

### REFERENCE DATA

							PARAMETRIC	UATA .	
SREF = LREF = BREF = SCALE =	5500.0000 9 327.8000 2348.0000 .0400	N. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB = IORB = BDFLAP =	.000 -4.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
		RUN NO.	37/ 0 RN/L =	.00 GRADIENT INTER	RVAL = -5.0	00/ 5.00			
	MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156	ALPHAW -1.826 .286 2.419 4.444 6.492 8.630 10.528 12.598 14.653 16.534 18.567 20.587 22.569 24.574 26.784 GRADIENT	BETA Q(PSF) .00000 35.03682 .00000 35.16246 .00000 35.22397 .00000 35.30964 .00000 35.30964 .00000 35.25425 .00000 35.24904 .00000 35.24904 .00000 35.27729 .00000 35.47111 .00000 35.51905 .00000 35.61685 .00000 35.63990 .00000 .04886	CP1	CP3069270541204860049850526206722075200983212381151201838221886261783029432598	CP4035230202101149012043030940452106132090471201615522194212358926599432562 .00376	CP50652105033041110413104900058680723008627114341409217484212442530934009 .00388	CP605773039760295402742033300404405217067340926711888152101891026909261743185900484	

CA-8 - FORCE SOURCE DATA TABULATION

GRADIENT

(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(PJF038) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

### RN/L = SREF = 5500.0000 SC.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400 BETA .000 XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC .000 ELEVTR = -2.000 STAB .000 3.000 ELEVON = IORB = ZMRP = 190.7500 IN.ZC BDFLAP = -11.700

.0400					BUFLAP =	-11.700		
	RUN NO. 38/ 0	RN/L = .	00 GRADI	ENT INTERVAL = -	5.00/ 5.00			
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW BETA -2.726 .00000 2.405 .00000 4.477 .00000 6.251 .00000 8.519 .00000 9.474 .00000 11.578 .00000 12.584 .00000 13.578 .00000 14.624 .00000 15.637 .00000 15.637 .00000 15.637 .00000 15.637 .00000 17.637 .00000 18.688 .00000 19.477 .00000 20.515 .00000 21.579 .00000 21.579 .00000 21.579 .00000 21.579 .00000 21.579 .00000 21.579 .00000 23.661 .00000 24.594 .00000 25.617 .00000 26.972 .00000	35.07360 34.98438 34.98251 35.08260 35.09260 35.09260 35.02648 35.06767 35.10584 35.11659 35.18785 35.23168 35.23168 35.23553 35.44014 35.32553 35.44014 35.3677 35.39950 35.42426 35.38790 35.4300 35.4300 35.4300 35.4300 35.96654	.05256 .03785 .03785 .03548 .03785 .04259 .04313 .04697 .05379 .06109 .06733 .07733 .09267 .10205 .11750 .11750 .11750 .116739 .16739 .16739 .16739 .18090 .19332 .22001 .24141 .26260 .28360 .30189 .31724	CP2 CP3 .0599407554 .0469305645 .0424904952 .0438704992 .0438705346 .0515705534 .0515705534 .0580406166 .0657706304 .0700207295 .0803208243 .0952909791 .1052910709 .1193112148 .1350113779 .1513415484 .1685317123 .1816018372 .2186822347 .21934319570 .2186822347 .2397124378 .2600626545 .2804928613 .3126531823	01474 01383 01384 02142 02378 02927 03742 04334 05233 06672 07941 09334 10575 12109 14137 15978 17779 19068 17779 19068 23717 25703 27609 27609 29850 33481	CP5068530490004200046580481905029056060634406900078040896210320115101253011510125301773519429206812304025248271623814134712	CP60629403930031050283003263032780327803904049500494005816070670823909504104131187213700155521728517285172851728518350207152264862884232550	

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(PJF039) ( 01 JUN 76 )

	REFERENCE DATA					PARAMETRIC	DATA	
LREF =	5500.0000 SQ.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB = 10RB = BDFLAP =	.000 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 17.000 .000
	RUN NO.	39/ 0 RN/L =	.00	GRADIENT INTERVAL =	-5.00/ 5.00			
	MACH ALPHAW .155 -2.766 .155 .311 .155 2.372 .155 4.379 .155 6.461 .155 8.449 .155 10.493 .155 12.544 .155 14.532 .155 16.588 .155 18.585 .156 20.604 .156 22.576 .157 24.546 .157 26.727 GRADIENT	BETA 0(PSF) .00000 35.32217 .00000 35.23015 .00000 35.31679 .00000 35.15206 .00000 35.15206 .00000 35.15271 .00000 35.17217 .01000 35.24128 .01000 35.33974 .01000 35.33974 .01000 35.48051 .01000 35.65457 .01000 35.91252 .01000 36.23373 .00000 -00962	CP10536'03636037603710473:0567607096091761173145961779217882528633936 .0023	905051051 204691046 104777046 305707055 806532062 207902074 009285094 112659121 815403150 718581180 022452220 525911253 634344336	3802239 6801387 6701512 8202566 9305062 9506634 3309736 2312422 9715711 5019517 77923723 6127957 34322	CP507193050830427504297052040613207396115031381316874205412453034730	CP605432040160300202876035780444005534065821182418236148241823262624032910	

# (CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(PJF040) ( 01 JUN 76 )

# REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.00							I NONCE INTO	DATA	
LREF = 327.80 BREF = 2348.00	000 SQ.FT. XMRP 000 IN. YMRP 000 IN. ZMRP	) = .0000 IN.	/C			BETA = STAB = IORB = BDFLAP =	.000 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 10.000 .000
	RUN NO	). 40/ 0 RN/L =	.00	GRADIENT INTE	RVAL = -5.	00/ 5.00			
	55 -2.738 55 .307 55 .2.336 55 .4.382 55 .6.461 55 .8.427 55 .10.430 55 .12.511 55 .14.525 55 .16.551 18.564 56 .20.577 56 .22.598 56 .24.524	BETA 0(PSF) .00000 35.21890 .00000 35.17788 .00000 35.15030 .00000 35.15030 .00000 35.15030 .00000 35.17839 .00000 35.18148 .00000 35.23737 .00000 35.33929 .00000 35.46984 .00000 35.89908 .00000 36.22872 .00000 36.22872	05313 03493 03493 03219 03457 04102 05081 06477 08916 10955 14442 17613 20827 25153	CP2068850508504446046770529405238076480989111989154981855321709259872970533748 .00326	CP30709704922042650438304940057:1070610926711369148371796320997253642905232950 .00394	CP40482902678012710158902066049930703609027126461550319815237972785533466	CP50751005316039270414504492053380712410640138401660020586244212833633721	CP6066600418602582027010287303650053550853411831144851858262812611231651	

# CA-8 - FORCE SOURCE DATA TABULATION

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(PJF041) ( 01 JUN 76 )

.00548

# (CA-8) K2V9.1.2TS5H15.6.1F30G5.3.5TS401

	REFERENCE DATA							
SREF =	5500.0000 SQ.FT. XMRP	. 1770 0				PARAMETRI	C DATA	
LREF = BREF = SCALE =	327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB = IORB = BDFLAP =	.000 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -10.000 .000
	RUN NO	. 41/0 RN/L =	.00 GRADIEN	NT INTERVAL = -5	.00/ 5.00			
	MACH ALPHAW .155 -2.711 .155 .308 .155 2.318 .155 4.334 .155 6.370 .155 8.478 .155 10.403 .155 12.528 .155 14.498 .155 16.542 .155 18.556 .155 20.539 .156 22.560 .156 24.549 .157 26.988 GRADIENT	BETA Q(PSF) .00000 35.22022 .00000 35.18514 .00000 35.16363 .00000 35.15497 .00000 35.14937 .00000 35.14232 .00000 35.14235 .00000 35.15531 .00000 35.26868 .05000 35.39265 .00000 35.86602 .00000 35.15034 .00000 -00953	053760038470030620030230038910047190065300080270106631178911178911211922244062245652	C2 CP3 0690907429 0545105501 0449204382 0444704228 0532005547 0798607213 1935308646 196111277 565514940 900218366 1225821551 532824632 942428642 324332474 0.369 .00474	CP4044890299501816017260231703409046810636309224132081671319859234092824133143	CP50691605254040510386604394052910643607890105161415017512239172863833359	CP60633104381030130262203015037600470004554124415498184391843921803	

.00415

(CA-8) K2V9.1.2TS5H15.6.1F30G5.3.5TS401

# (PJF042) ( 01 JUN 76 )

# REFERENCE DATA

### PARAMETRIC DATA

					PARAMETRIC DATA	
SREF = 5500.00 LREF = 327.80 BREF = 2348.00 SCALE = .04	00 IN. YMRP = 00 IN. ZMRP = 19	9.9100 IN.XC .0000 IN.YC 0.7500 IN.ZC		BETA = STAB = IORB = BDFLAP =	.000 RN/L -4.000 ELEV 3.000 ELEV -11.700	TR = -23.000
	RUN NO. 42/	0 RN/L = .00	GRADIENT INTERVAL = -5	5.00/ 5.00		
MACF 15 15 15 15 15 15 15 15 15 15 15 15 15	55 -2.695 .00000 55 .231 .00000 55 .231 .00000 55 .2.277 .00000 55 .4.303 .00000 55 .6.398 .00000 55 .8.435 .00000 55 .10.491 .00000 55 .12.499 .00000 55 .14.476 .00000 55 .16.522 .00000 55 .18.522 .00000 56 .20.525 .00000 56 .22.571 .00000	35.1918902744 35.1745503021 35.1646203731 35.1451703890 35.1375904086 35.1374306649 35.1591607945 35.1525710564 35.35.2569417386 35.3760121046 35.5260324503 35.7605627053	0439704301 043990426 0504104846 0518204810 0527504811 0775007291 0902808443 1182511239 1479014248 1836917849 2185821522 2521224651 2761427231 3175631222	CP404895022690186102361019990259006315093151234912349159402392226356325980373	0426603047000304208030457303064680797906107030813537111690114196111724579283682024	5681 3715 3905 3405 3133 700 3342 8890 700 956 9436 634 873

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(CA-8) K2V9.1.2TS5F30G5.3.5TS401

(PJF043) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

						PARAMETRIC	DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400		= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = 10RB = BDFLAP =	.000 3.000 -11.700	RN/L = ELEVON =	1.090
	RUN NO.	43/ 0 RN/L =	.00 G	RADIENT INTERVAL = -5	.00/ 5.00			
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.853 .334 4.399 6.414 8.447 10.436 12.474 14.512 16.532 18.562 20.592 22.563 24.521 26.939 GRADIENT	BETA 0(PSF) .00000 35.21008 .00000 35.17744 .00000 35.16485 .0(~)0 35.15686 .00000 35.15086 .00000 35.16034 .00000 35.16614 .00000 35.18556 .00000 35.22749 .00000 35.30599 .00000 35.43970 .00000 35.88766 .00000 36.18874 .00000 -00746	CP1052360295802959036690418204535065810823511496147051828021454253562897832448 .00228	CP2	CP4047850229101747017480243002838044730610809374123561612919945233942806533305	CP50738804860042750433305203066860792311009137741734720995242842882333841 .00432	CP60650503693029500275603226034210479006122090541174015224189362205525668032051 .00527	

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(CA-8) K3V9.1.2TS5 F30G5.3.5TS401

(PJF044) ( 01 JUN 76 )

### REFERENCE DATA

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	INCE DATA							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	5500.0000 9 327.8000 2348.0000	IN, YMRP		.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = IORB = BDFLAP =	6.000	RN/L = ELEVON =	1.090
		RUN NO.	447 0	RN/L =	,00	GRADIENT	INTERVAL =	-5.00/ 5.00			
	MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.865 .349 2.318 4.417 6.401 8.515 10.524 12.528 14.524 16.542 16.542 18.582 20.572 22.566 24.533 26.930 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.20323 35.17302 35.16258 35.16258 35.16260 35.17924 35.19752 35.20791 35.26079 35.34903 35.48792 35.66803 35.91842 36.25971	CP1050802560315030703860488065311561140617822142250029063255	50416 60456 80446 50524 90596 70981 71246 31486 71856 42199 42326 23267		3102019 0401338 4901520 0702747 2003065 0604607 0606738 5509504 2512707 4116697 7719873 3323490 5327463	CP5072970467503966040900520305419068380871911219116217849205319245192828333835 .00457	CP6064690345902637025590353803667048670682109087121191582918793224052600531913	

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

PAGE 377

(PJF045) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

LREF	= 5500.0000 = 327.8000	IN. Y	MRP =	.9100 IN.XC			BETA = STAB = IORB =	-4.000	1.090 .000 .000
BREF	= 2348.0000		MRP = 190	.7500 IN.ZC			BDFLAP =	-11.700	
SCAL	E = .0400				经制度的 医氯酚二基酚酚磺			ing all the second	
		RUN	NO. 45/ 0	RN/L =	.00 GRADIENT	INTERVAL =	-5.00/ 5.00		

	RUN NU.	. 43/ 0	THAT =	.00					
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 157 . 157	ALPHAW -2.748 .337 2.336 4.427 6.440 8.408 10.494 12.488 14.588 16.538 18.558 20.595 22.548 24.604 26.982 GRADIENT	BETA .00000	Q(PSF) 35.21398 35.17661 35.16444 35.15670 35.15561 35.15561 35.15561 35.19703 35.24666 35.33029 35.47246 35.89955 36.2586100812	CP1052360299803038033540386604911060700842911571146191803221160251012908533302	CP2068860465004239044690556906759090001215315152184442141325199291443316500346	CP30705904473041650439805560056600668012246151651852118521254662941633406 .00377	CP404331021550156501293020200242904019058340973141620919296234642774433065 .00427	CP5071400489104336040260461604956063770804511562143841773520607246292878333896 .00436	CP6062700373202990025200299003225045170619909598123591564218491224612663331876 .00526

26.965

GRADIENT

.00000

.00000

36.29230

-.00733

### (PJF046) ( 01 JUN 76 ) (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401 PARAMETRIC DATA REFERENCE DATA 1.090 BETA .000 RN/L 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XCELEVTR = STAB .000 YMRP = .0000 IN.YC LREF 327.8000 IN. ELEVON = IORB 6.000 ZMRP = BREF = 2348.0000 IN. 190.7500 IN.ZC BDFLAP -11.700SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 46/ 0 RN/L = .00 RUN NO. CP5 CP6 CP3 CP4 ALPHAW Q(PSF) CP1 CP2 MACH BETA ... -.04150 -.06463 -.05959 -.06983 35.20608 -.04686 -.06293 -2.742 .00000 .155 -.04212 -.03381 -.03964 -.04203 -.01929 -.02408 . 155 .350 .00000 35.16827 -.03935 -.02755 -.01520 -.04436 2.330 .00000 35.15871 -.02881 -.04194 . 155 -.02912 -.01839 -.04183 -.03197 -.04470 -.04437 .155 4.429 .00000 35.15393 -.04461 -.03029 -.03944 -.05065 -.05056 -.02202 .00000 35.15904 .155 6.426 -.04165 -.06301 -.06179 -.03565 -.05667 -.05243 8,516 .00000 35.16195 .155 -.05181 -.04880 -.06993 -.07489 -.074i5 . 155 -.06618 10.542 .00000 35.17768 -.06745 -.093'+9 -.06696 -.08476 -.09548 .00000 35.18207 -.08625 .155 12.536 -.09557-.11404 -.12049 -.09822 -.12195 . 155 14.600 .00000 35.20709 -.11332 -.15317 -.12936 -.14320 16.595 .00000 35.25188 -.14577 -.15424 . 155 -.17325 -.17473 -.18086 -.16063 35.35107 -.18160 .155 18.584 .00000 -.18326 -.21468 -.19286 -.20382 -.21356 20.547 .00000 35,49090 -.20837 . 156 -.22137 -.27298 -.25563 -.23403 -.24399 22.562 35.66462 -.25006 -.25407 .00000 .156 -.29920 -.33938 .00343 -.29392 -.28519 -.29790 24.554 35.93273 -.29520 .157 .00000 -.32226

-.33844

.00249

-.33767

.00198

-.33607

.00334

-.34344

.00325

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF047) ( 01 JUN 76 )

-	R	Ε	F	Ε	R	Ε	N	C	E.	D/	١.	Γ/	١

### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =		O.FT. XMRP N. YMRP N. ZMRP	= 1339.9100 IN.XC = ,0000 IN.YC = 190.7500 IN.ZC	보다 우리 생물 보다 보다 하다.	BETA = STAB = IORB = BOFLAP =	.000 3.000 6.000 -11.700	RN/L = 1.090 ELEVTR = .000 ELEVON = .000
		RUN NO.	47/ 0 RN/L =	.00 GRADIENT INTE	RVAL = -5.00/ 5.00		
	MACH - 155 - 155 - 155 - 155 - 155 - 155 - 156 - 156 - 156 - 156 - 155 - 155	ALPHAW -2.753 .277 2.361 4.355 6.754 8.332 10.613 12.546 14.644 16.541 20.637 22.698 24.603 26.749 GRADIENT	BETA 0(PSF) .00000 35.20557 .00000 35.17276 .00000 35.16209 .00000 35.16209 .00000 35.10284 .00000 35.05286 .00000 35.11335 .00000 35.51464 .00000 35.60391 .00000 35.66391 .00000 35.12522 .00000 34.93000 .0000000360	CP1 CP204608063390307704788030660461802920044230379605252047460610906362075920826109411109061207213956149582117521921256872633429112295623279733032 .00230 .00265	CP3	CP50692604614039190399704810052520721508765111751385120966250262946933709	CP60542803811029000283303390036690547307048092211190618903288112732831701 .00519

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF048) ( 01 JUN 76 )

F	EFERENCE DATA					PARAMETRIC	DATA		
LREF = 327.8 BREF = 2348.0	000 SQ.FT. XMRP 000 IN. YMRP 000 IN. ZMRP 400	= 1339.910 = .000 = 190.750	O IN.YC			BETA = STAB = 10RB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO.	48/ប !	RN/L = .00	GRADIENT INTE	RVAL = -5.0	00/ 5.00			
	CH ALPHAW 155 -1.703 155 -2.396 155 2.396 155 4.480 155 6.452 155 9.530 155 10.578 155 11.582 155 12.627 155 13.602 155 14.745 155 15.533 155 16.670 156 17.490 156 18.586 156 19.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627 156 20.627	.00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35	Q(PSF) CP1 .228990392 .225140301 .242970256 .282800299 .330880372 .406390464 .294010543 .236590616 .262610740 .126240965 .160691148 .238521229 .322671400 .427691563 .535661772 .656891934 .671882132 .700322354 .662162559 .640562775 .594032969 .604603119 .624603306	104824 204225 204606 305257 305992 906772 107495 608630 409539 712672 613417 915115 416680 820248 722162 224268 026222 328303 926222 126222 126305 133408	CP306344051780436804611050570586006554071150837609186125841326714869165761862420179263672636726367284643046430464317853344000290	CP40328302511016910169101844025451039480493405744069220798509839107641276912769159641792219956221372439026636283473078930789	CP505377046830375403972046350591906895076140851609667121801404315051171691907620998231602534627570291533151834309	CP6048840390002749027470324730380404322051180580906910077670939610166121671295016969169691889920913253333269582941432397	

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# (CA-8) K3V9.1.2T95H15.6.1F30G5.3.5TS401

(PJF049) ( 01 JUN 76 )

REFER	ENCE DATA			PARAMETRIC DATA						
LREF = 327.8000	= 327.8000 IN. YMRP = .0000 = 2348.0000 IN. ZMRP = 190.7500 = .0400						BETA = STAB = IORB = BOFLAP =	.000 -2.000 6.000 -11.763	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
	RUN NO.	49/ 0	RN/L ≠	.00 GR	ADIENT INTER	RVAL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155 .156 .156 .156	ALPHAW -1.868 .318 2.397 4.467 6.577 8.604 10.450 12.485 14.622 16.582 18.652 20.659 22.606 24.674 26.740 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .01000 .01000 .01000	Q(PSF) 35.18235 35.08949 35.17303 35.38527 35.38016 35.45403 35.48895 35.58514 35.61528 35.90847 36.08509 35.48423 35.50811 35.52165 .03242	CP10426403042030140326804261054190653808934119361443518411222062603929855	CP2056120434504032041080586805868068600905412009143641788321794255082916732765	CP30602804486041790429605176071970947212575150551866322739265923031733701	CP403337022130154201546024610315004586064530960912270159451594519811235892785433409	CP506575053240462104621054870513407460091031203417965217282534629515	CP6053050385803044027090361904072052630695209784122451564419299229612707332808 .00409	

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

( 01 JUN 76 )

			TA

	REFERI	ENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	SO.FT. XMRP IN. YMRP IN. ZMRP	= 1339.9100 11 = .0000 11 = 190.7500 11	N.YC			BETA = STAB = IORB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 10.000 -5.000
		RUN NO.	50/ 0 RN/I	= .00 G	RADIENT INTE	RVAL5.	00/ 5.00			
	MACH . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156 . 155 . 155 . 155 . 155	ALPHAW -1.741 .295 2.478 4.375 6.464 8.524 10.594 12.450 14.539 16.581 18.641 20.657 22.596 24.519 26.752 GRADIENT	BETA 01P9 .00000 35.25; .00000 35.27; .00000 35.32; .00000 35.32; .00000 35.32; .00000 35.32; .00000 35.32; .01000 35.32; .01000 35.33; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.34; .01000 35.37; .01000 35.37; .01000 35.37; .01000 35.37;	38504477 6803193 36503169 9403566 33104244 39605326 9106947 36808971 37911870 9614958 0918310 77622144 5626203 4829958 0233920	CP2060300487704230044930498605861073530929812057150561827721817257032929333073 .00259	CP30599904325040960440405780578072530937612377154031870522420264183023633806 .00246	CP403347023760142301823021780341104532064060937312135157379874238682788733538 .00273	CP5053830530404921052060635507453091061190211488 +.1785421882257672964134959	CP6050840381302806030440325104250051630693709472120121534919420231902319032600	

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

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(PJF051) ( 01 JUN 76 )

### REFERENCE DATA

CDEE		CL DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SC 327.8000 IN 2348.0000 IN	VMRP		9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 -10.000 -5.000
	생 하네(() 100 km) () 12 km) - 12 km (15 km) (15 km)	RUN NO.	א 117	RN/L =	.00 0	RADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH - 154 - 155 - 156 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	ALPHAW -1.796 .312 2.352 4.309 6.422 8.559 10.552 12.519 14.491 16.565 18.465 20.559 22.488 24.495 26.803	.00000 .00000 .00000 .01000 .01000 .01000 .01000 .01000	Q(PSF) 34.90057 35.02049 35.44116 35.25457 35.15756 35.15760 35.15360 35.22766 35.36576 35.36576 35.36576 35.36310 35.62381 36.08379 .07341	CP1040520300703069034180431505295065160944311169145101780821928258943005034189 .00093	CP205698045430416704167050870581806916096711133914592177722166625388293613340000212	CP30569304331043310507205848069270988311658149731826822279261663930634288	CP4037310236101643016440236003527048110645209337122971553719589236452755132859 .00345	CP5065190522804580046000527300537076190903211775145171762021611255282926334342 .00317	CP605305038260301602858033980448905392068130951212178152181913125000266903195200403	

DATE 06 JUL 76

GRADIENT

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.03414

.00000

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF052) ( 01 JUN 76 )

.00413

REFERE	NCE DATA						PARAMETRIC DATA				
· = _ =	Q.FT, XMRP N. YMRP N. ZMRP	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STÅB = IORB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000		
가 있다. 얼마를 가면 살고 있다. 하고 있는데 된 이번 경기를 보는 말로 된 것 같다.	RUN NO.	52/ 0	RN/L =	.00 GR	ADIENT INTER	F:VAL = -5.	00/ 5.00				
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -1.865 .297 2.363 4.374 6.445 8.542 10.457 12.266 14.519 16.549 18.517 20.458 24.594 24.517	BETA .00000 .00000 .00000 .00000 .00000 .01000 .01000 .01000 .01000 .01000 .01000	0(PSF) 35.02065 35.13168 35.16184 35.24679 35.28496 35.20723 35.25196 35.05603 35.04991 35.21771 35.39388 35.61207 35.5594602 35.54602	CP1041280332303337036380442005450070710858912035146931819021845261233037133980	CP2054650454504126042010471905604070560844111706143191767721136251892929232713	CP3057180456504566050890603007466088961508618556263213070333998	CP40400602186017250172501957031480590909193120551205512584188902376627705	CP5070920537104948049430524306322075310889712048179782116325974134722	CP505728038230324803309041750520206705096221223615569186762351127236		

.00190

.00204

.00356

200335

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PUF053) ( 01 JUN 76 )

PARAMETRIC DATA

PAGE 385

1.090

.000

-5.000

					С		

### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

	BETA = STAB =	.000 -4.000	RN/L = ELEVTR =
	IORB = BDFLAP =	6.000 -11.700	ELEVON =
GRADIENT INTERVAL = -5.	00/ 5.00		and the state of

	RUN NO.	53/ 0	RN/L =	.00 GRA	ADIENT INTER	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	СРЧ	CP5	CP6
. 155	-1.814	.00000	35.13100	04237	05830	05348	03688	06594	05281
.155	.231	.00000	35.14267	03157	04726	04129	02865	05818	04245
.155	2.391	.00000	35.14327	03347	04541	03956	01728	04843	03101
. 155	4.401	.00000	35.17724	03581	04557	04039	01745	04814	02863
.155	6.492	.00000	35.22020	04615	05052	05054	02102	05223	03267
. 155	8.482	.00000	35.15987	05519	05752	05714	~.03292	06255	04165
. 155	10.523	.01000	35.24954	06843	06966	06896	04773	07671	05405
.155	12.663	.01000	35.26349	09196	09156	09210	06673	09271	07082
. 155	14.528	.00000	35.40629	11993	11841	12070	09208	11841	09404
.155	16.563	.01000	35.13933	14865	14562	14950	12440	14802	12364
.155	18.571	.01000	35.34555	17978	17524	17898	15567	17774	15355
.156	20.553	.01000	35.51965	21945	21267	21825	19378	21459	18963
.156	22.571	.01000	35,50699	26361	25550	26178	23584	25559	23048
. 156	24.545	.01000	35.58567	29995	28989	29796	27900	29693	27174
. 156	26.752	.01000	35.73432	34003	32824	33632	32516	34177	31752
	GRADIENT	.00000	.09666	.00085	.00192	.00197	.00336	.00304	.00405

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF054) ( 01 JUN 76 )

REFEREN	CE DATA							PARAMETRI	DATA	
SREF = 5500.0000 SQ LREF = 327.8000 IN BREF = 2348.0000 IN SCALE = .0400	· YMRP	=	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = 10RB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	547 0	RN/L =	.00 G	RADIENT INTE	RVAL = -5.	00/ 5.00			
MACH - 155	ALPHAW -1.734 .265 2.282 4.388 5.492 6.380 7.533 8.482 9.524 10.502 11.584 12.519 13.557 14.517 15.532 16.604 17.515 18.504 19.820 21.702 22.635 23.622 24.588 25.455 26.743 GRADJENT	BETA	01PSF1 35.05022 35.09242 35.09242 35.02876 35.28279 35.28279 35.26540 35.36571 35.06679 35.06894 35.15535 35.07567 35.17053 35.21233 35.29940 35.23136 35.23136 35.37007 35.36490 35.38555 35.37342 35.55086 36.00397 35.97048 .02508	CP10491603973039050375004679046060486905884068420755208252094691066611818132491656611818132491656618552210752461926745246192674524619253393900174	CP20538904460041430395304834046370481505865066920742608045092510446115291282014748160961805120365237982586127526292243100832753	CP30576105401049090458905422051980537906331070380775808365095661075813274152571672718535214682446826487284963102433331 .00343	CP4033840214501192013300198001873023230381004402055680556805772209479108541351915816182982197724296259592809030084	CP505348050060418904203048350468005852058520649107079081430877610157118111298214437155771767220126236592594427527295783151634590 .00354	CP605645041170310703875033710310203482041040508506217068750687506875080321225413212154531781521383236162517627285291873246500455	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

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# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF055) ( 01 JUN 76 )

REFE	RENCE DATA						PARAMETRIC	DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP IN. ZMRP	= 1339.9100 I = .0000 I = 190.7500 I	I.YC			BETA = STAB = IORB = BDFLAP =	.000 .000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	55/ 0 RN/	= .00	GRADIENT INTER	RVAL = -5.0	00/ 5.00			
MACH - 155 - 155 - 155 - 156 - 156 - 156 - 156 - 156 - 156 - 156 - 156 - 156 - 156	.208 2.297 4.405 6.340 6.8.436 10.462 12.581 14.534 16.509 18.526 20.551 22.521	BETA 01P .00000 35.17 .00000 35.11 .01000 35.21 .01000 35.23 .01000 35.20 .01000 35.00 .01000 35.36 .01000 35.65 .01000 35.44 .01000 35.52 .01000 35.52 .01000 35.65 .01000 35.65 .01000 35.65 .01000 35.65 .01000 35.65 .01000 35.65	32	04730 04294 04619 05140 06333 07783 09649 12018 15115 18212 21837 26074 29750 33243	CP3058210441203923041120457905788071850908511571147641785721586259792983733167	CP403816022770189001989025070350804936071060955812273157211985223925278013301500281	CP5061370456804235042350477305748071440911011428138011712421204251402890003394000268	CP605095033540282102665029450369704895069320907711383145841863522497262773142700376	

SCALE =

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(CA-8) K3V9.1.2TS5

F3005.3.5TS401

PARAMETRIC DATA

(PJF056) ( 01 JUN 76 )

PAGE 388

1.090

-5.000

### REFERENCE DATA

.0400

RN/L .000 BETA XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC SREF = 5500.0000 SQ.FT. ELEVON = IORB = 6.000 LREF = 327.8000 IN. SPDBRK = -11.700ZMRP = 190.7500 IN.ZC BREF = 2348,0000 IN.

	RUN NO.	56/ 0	RN/L =	.00	GRADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW -1.752 .256 2.349 4.491 5.527 6.406 7.493 8.513 9.459 10.474 11.435 12.444 13.345 14.500 15.542 16.518 17.494 18.582 19.600 20.567 21.567 24.587 25.613 26.692 GRADIENI	BETA .00000	0(PSF) 35.23136 35.18901 35.14348 35.24478 35.28830 35.25387 35.04027 35.01762 35.05677 35.07669 35.13122 35.12302 35.2669 35.13122 35.2669 35.21342 35.2669 35.38355 35.30951 35.38348 35.32848 35.32848 35.32848 35.32848 35.32848 35.32848 35.32848 35.32848	CP10405i0326i0326i0326i038104720530060770765090111591159124212660284830653376	05242 04839 04704 804266 104999 105732 906267 806947 707539 108304 609613 510288 812100 213567 714950 516446 318231 71945 622488 824204 26496 28293 628293 731585 33309	CP3055C90442404020038600451004260050510551506918077350911709761116240116240179691796919758241112661828466305723167833380 .00255	CP40375802789017040180402273025500272003386039260460605549066200731094561073212511140441600017886199522210923798259363074632769	CP5064340543004541046560505705341061200660907302082030906410417117571290514534159281784619678238252540427543284143208534069	CP60521203997028910276503113033660399104982049820498205686094301055812150136991217229532495324953249532961531607

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(CA-8) K3V9.1.2TS5 F30G5.3.5TS401

( 01 JUN 76 )

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### PARAMETRIC DATA REFERENCE DATA

RUN NO. 57/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

	SREF =	5500.0000	SQ.FT. XMRP	= 1339.91	O IN.XC		BETA = .000	RN/L = 1.090
A E	LREF =	327.8000	IN. YMRP	= .00	O IN.YC			ELEVON = -5.000
	BREF =	2348.0000	IN. ZMRP	= 190.75	0 IN.ZC		SPDBRK = -11.700	
	SCALE =	,0400						

		,. 5,, 0	13147	.00 011	AD1EN 1111				
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
. 155	-1.701	.00000	35.29772	03940	05700	05196	03881	06790	05445
.155	.341	.00000	35.16368	03180	04858	04072	02588	05535	04031
.155	2.338	.00000	35.13130	03411	04750	03952	01933	04991	03243
.155	4.404	.00000	35.21231	03735	04985	04111	01990	05032	03017
. 155	5.423	.00000	35.21922	03829	04869	04087	01966	05007	02954
. 155	6.606	.00000	35.29012	04537	05494	04780	02409	05519	03386
. 155	7.435	.00000	35.30276	04379	05127	04503	~.02861	05979	03853
.155	8.510	.00000	35.38526	05639	06316	05781	03591	06532	04406
. 155	9.387	.00000	35.43734	05944	06509	06002	03966	06935	04749
. 155	10.412	.00000	35.38259	06977	07365	06944	04677	07693	05347
. 155	11.577	.00000	35.24162	08329	08592	08204	06022	08915	06571
.155	12.290	.00000	35.21244	09097	09287	08961	06801	09572	07256
. 155	13.518	.00000	35.25140	- 10644	10874	10596	08060	10955	08287
. 155	14.608	.00000	35.30853	12141	12269	12183	09537	12162	09563
. 155	15.559	.00000	35.23214	13626	13673	13610	10881	13302	10863
. 155	16.550	.00000	35.30132	14895	14898	14817	12553	14884	12480
. 155	17.600	.00000	35.40086	16607	16514	16459	14341	16584	14189
. 155	18.581	.00000	35.24985	18738	18516	18604	16142	18280	15794
.155	19.581	.00000	35.35856	20498	- 20188	20256	18077	20176	17709
. 155	20.557	.00000	35.40976	22220	21866	22027	19835	21905	19425
. 155	2\.605	.00000	35.38242	-,24715	24257	24563	21756	23723	21166
. 155	28, 610	.00000	35.36227	26816	26282	26674	23946	25815	23296
. 156	23.610	.00000	35.62406	29063	-,28364	28914	26068	27858	25244
.156	24.595	.00000	35.59081	30681	29939	30436	28306	30027	27471
. 156	25.575	.00000	35.65196	32444	31653	32135	30458	32203	29617
. 157	26.609	.00000	36.07122	34630	33705	34270	32986	34574	32085
	GRADIENT	.00000	01414	.00019	.00111	.00165	.00311	.00286	.00397

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

( 01 JUN 76 )

### REFERENCE DATA

SREF =							Talket et	PARAMETRIC	DATA	
LREF =	5500.0000 SQ. 327.8000 IN.	YMPD	= 1339.9100				BETA =	.000	RN/L = "	1.090
BREF = SCALE =	2348.0000 IN.	ZMRP	= 190.7500	IN.YC IN.ZC			STAB =	-4.000	ELEVTR =	.000
JUALE -	.0400					ar dan Sal	IORB = BDFLAP =	8.000	ELEVON =	-5.000

	RUN NO.	58/ 0	RN/L =	.00	GRADIENT INTER	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -1.806 .229 2.381 4.565 6.433 8.531 10.321 12.420 14.535 16.666 18.476 20.490 22.514 24.449 26.516 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	01PSF1 35.21958 35.11352 35.12763 35.12439 35.23277 35.22587 35.15920 35.17206 35.32522 35.28912 35.59415 35.59415 35.39271 35.34633 35.32706 00972	CP104598029930311903756040800567606826090281132015175178272212526317300033381200109		CP306006041250378204487058260901;11375153241776622012261802993433465 .00248	CP4033760316601912020220262203825050200688109508159331593319933241692784032947	CP5059810573804613046130478805352064880750809267117791458121606257222931634327	CP6047370427902914029810328204244052690695109354120561529718938230742665231779

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(CA-8) K	3v9.1.2	TS5H15.6.1	F30G5.3	.5TS401
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PJF059) ( 01 JUN 76 )

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SREF	_	5500.0000	SO ET	VMDD	- 1770	.9100 IN.X	_							
LREF		327.8000		YMRP					BETA	=	.000	RN/L	=	1.090
		2348.0000	INI		the state of the s	.0000 IN.Y			STAB	=	.000	ELEVTR	=	.000
SCALE		.0400	1 IN .	ZMRP	= 190	.7500 IN.Z	3		IORB	· = - · · · ·		ELEVON		-5.000
JUALL	7.	.0400							BDFLAF					5.000

	RUN NO	• 597 C	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH .155 .155 .155 .155 .156 .155 .155 .155	ALPHAW -2.703 .404 2.458 4.381 6.455 8.567 10.452 12.488 14.621 16.665 18.579 20.493 22.510 24.521 26.476 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.35345 35.23844 35.27754 35.32075 35.59560 35.21986 35.20547 35.32614 35.33699 35.43691 35.44226 35.56394 35.56633 35.56583 35.52563	CP1051880351303526038130439805527075820892212257148021821922073262703088433886 .00197	CP2061670445504264044840502105876079840927312462149931829122011259903049633344	CP3071900497L045580464L05008057580781809015124111823822104261263090733495 .00368	CP4044820214601868018160236303600052820670309957128331606219713242482804833039 .00378	CP50706204696043970437504838060420766911898145411764721187255162928834163	CP606333036950312202900031360421305513058130970212317154461874622961266603178000489

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF060) ( 01 JUN 76 )

11 11 11 11				海瓜特别 有足术										
SREF		5500,0000	SQ.FT.	XMRP	= 133	39.9100	IN.XC		er ar ek		BETA	= .000	RN/L =	1.090
LREF				YMRP		.0000					STAB	= -2.000	ELEVTR =	.000
		2348.0000	The state of the s	ZMRP		90.7500		ta tati na		750	LORB	= 8.000	ELEVON =	-5.000
				ZUMF	7	30.1300	IIV.ZC					P = -11.700		
SCALE	=	.0400		Company of the Company			A CALL OF THE RESERVE				DULLA	- 11.700		

	RUN NO	60/0	RN/L =	,00 G	RADIENT INTE	ERVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
.155	-2.717	.00000	35.36500	04967	05506	06587	05090	07929	06969
.155	. 306	.00000	35.18344	03682	05084	04797	02813	05609	04413
.155	2.325	.00000	35.19965	03728	04691	04531	01970	05011	03480
. 154	4.383	.00000	35.15003	03969	04769	04461	02135	05197	03445
.155	6.432	.00000	35.21731	04757	05304	05832	02715	05648	03916
. 155	8.440	.00000	35.21958	05975	06356	06314	03567	06513	04659
. 154	10.527	.00000	35.15492	07536	07770	07699	05112	07942	05818
. 155	12.508	.00000	35.17462	09476	09574	09568	07220	09707	07710
. 154	14.540	.00000	35.00046	12089	12142	12226	09852	12176	10106
.155	16.561	.00000	35.51617	15177	15203	-,15313	12775	14774	12655
. 155	18.527	.00000	35.36395	18579	!8494	18749	-,16034	17818.	15604
. 155	20.581	.00000	35.48643	22603	22268	22668	19785	21473	19073
. 155	22.590	.00000	35.47602	26773	26349	26739	24197	25660	23339
.156	24553	.00000	35,96734	30478	29938	30443	28178	29453	,27142
. 156	26.963	.00000	36.02354	35042	34269	34718	34168	35263 /	/33105
	GRADIENT	.00000	02834	.00141	.00252	.00300	.00434	.00397	.00512

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF061	j.		C 01	JUN	76	)
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	 764	~~	A . T	· 🖈 :
RE	マヒハ	ICE .	UAI	Α

. 보고통하는 사람은 사람이 가득하는 하는 모든 사람들이 하는 사람들이 있는 사람들이 되는 것은 하는 것 같습니다.				
SREF = 5500.0000 SQ.FT. XMRP =	1339.9100 IN.XC	했다. 그리고 생활하는 물리는 가지 하고 있다.	BETA = .(	000  RN/L = 1.090
	.0000 IN.YC	토리는 얼마를 다 하는 말을 다는 그들을 모나 하다	STAB = -2.0	000 ELEVTR = 17.000
BREF = 2348.0000 IN. ZMRP =	190.7500 IN.ZC		IORB = 8.0	000  ELEVON = -5.000
SCALE = .0400		생활기를 하면데 그는 그 아이를 받는데 하면서	BDFLAP = -11.	700
회사를 하고 시시하다면 교육을 받으면 되었다.	선생님들이 보는 것 같아.			医多种静脉 医性闭闭性 医二氯苯

	RUN NO.	61/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00		***
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CPS
. 155	-2.736	.00000	35.24522	04800	06352	06550	04618	07295	06499
. 154	.302	.00000	35.11926	03640	05143	04954	02277	04971	03863
.155	2.332	.00000	35.21925	03617	04801	04497	01808	04506	03212
. 155	4.452	.00000	35.22411	03789	04914	04628	01965	04605	03189
. 154	<b>6</b> .456	.00000	35.06066	04276	05223	04686	02581	05189	03555
. 154	8.530	.00000	35.16342	05739	06507	06202	03270	05813	03992
. 155	10.517	.00000	35,25288	07023	07720	07227	04977	07354	05389
. 155	12.539	.00000	35.22221	09134	09787	09268	07026	09137	07254
.155	14.540	.00000	35.30583	11679	12225	11645	09720	11809	09749
. 155	16.627	.00000	35.38786	14813	15382	14964	12766	14439	12365
.155	18.589	.00000	35.46671	18129	18551	18187	16456	17972	15785
. 155	20.649	.00000	35.46001	22009	22311	22(49	19964	21360	- 19102
. 155	22.641	.00000	35.58249	26126	26267	26062	24121	25353	23053
. 156	24.545	.00000	35.77965	30415	30447	30356	28680	29758	27451
. 157	26.923	.00000	36.29111	-,34788	-:34673	34572	33902	34820	32559
	GRADIENT	00000	- 00016	00141	00207	00276	00377	00381	กกษอย

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(PJF062) ( 01 JUN 76 )

# REFERENCE DATA

	175								PARAMETRIC	DATA	
LREF = 3		Q.FT. XMRP N. YMRP N. ZMRP		9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO.	65/ 0	RN/L =	.00 GRADI	ENT INTER	VAL = -5.0	00/ 5.00			
	MACH . 155 . 154 . 155 . 155 . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156	ALPHAW -2.628 .271 2.293 4.361 6.413 8.457 10.454 12.509 14.491 16.563 18.593 20.548 22.531 24.523 27.004 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.32666 35.15354 35.18346 35.30720 35.37812 35.16227 35.16227 35.14297 35.29735 35.36512 35.33610 35.55882 35.43800 35.55162 35.65673 36.37420 00373	05174 03550 - 03555 - 03414 04192 - 05322 - 06538 - 08914 - 11380 - 14404 - 17954 - 21602 - 26187 - 26187 - 2921 - 34798	CP206585050910471704510051340611807246095781201615131184.2621958264.00299883475700296	CP30679504941049870421404820057910683309151116221467818150 +.21723261972994934645 .00368	CP4 04263 01904 01615 02689 03292 04455 09199 12514 15929 19610 24023 28399 34202 .00388	CP5070230547604651042920531105852068540893811264141841742521035252882942635033	CP6061650432203278028150366704008049030692009103121491522718812229532714432874	

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

( 01 JUN 76 )

REFERENC	E DATA							PARAMETRIC	DATA	
SREF = 5500.0000 SQ. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP	· •	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = TORB = BDFLAP =	.000 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO.	63/ 0	RN/L =	.00 G	RADIENT INTE	RVAL = -5.	00/ 5.00			
MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 155	ALPHAW -2.676 .313 2.338 4.376 6.403 8.471 10.443 12.482 14.498 16.514 18.581 20.498 22.566 24.527 26.978	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.22787 35.11672 35.11922 35.37841 35.32498 35.2498 35.32180 35.32180 35.30419 35.26893 35.26893 35.32907 35.46196 35.66695 35.48220 35.51876 35.59266	CP1 +.05021 03513 03513 03094 03393 04126 05705 06698 09085 11393 114266 17775 21479 25725 29607	CP2065410503004289044740503106465073800973511879118139217332551629556533776	CP3067700483104105042270475906125070 9093581171814503179112162425956933821	CP40430702484015230140302268032320473406526090731813116135193052353128021	CP5070680522704308041050492805822071990878211151139171772720778248332916034331	CP6061350401202928025610325103961052630673908994118171554718470224512586132202	

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(PJF064) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

		In the second second second	and the first of the second terms of the second								
SREF	=	5500.0000	SO.FT. XMRP =	1339.9100	IN.XC		BETA	=	.000	RN/L =	1.090
		327.8000		.0000	IN.YC		STAB	1. <del>=</del> 1 1	-2.000	ELEVTR =	-10.000
		2348.0000	IN. ZMRP =	190.7500	IN.ZC		10RB	=	6.000	ELEVON =	-5.000
SCALE	=	.0400					BDFLA	P =	.000		

	RUN NO	), 64/ D	RN/L =	.00 GF	RADIENT INTER	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.683	.00000	35.27578	04733	06369	06443	04138	06834	05885
. 154	.317	.00000	35.20136	03484	05035	04794	01858	04679	03315
. 155	2.345	.00000	35.26988	03165	04381	04166	01576	04252	02841
. 155	4.376	.00000	35.23844	03607	04752	0448:7	01488	04148	02500
. 155	6,437	.00000	35.26218	04124	05135	04838	02187	04754	03092
. 154	8.426	.00000	35.11101	05076	05946	05630	03119	05568	03762
. 154	10.474	.00000	35.04347	06522	07318	06863	04522	06876	04845
.155	12.469	.00000	35.31864	08446	09137	08739	06386	08393	06417
. 155	14.567	.00000	35.32917	11022	11758	11350	09032	11015	08923
. 155	16.533	.00000	35.31849	13909	14638	14231	11933	13591	11422
. 155	18,538	.00000	35,34981	17600	18136	17863	15542	17041	14785
. 155	20.623	.00000	35.50153	21745	22118	21936	19411	20727	18182
. ! 55	22.577	.00000	35.61361	25703	25986	2582'9	24019	25197	22826
.156	24,508	.00000	35.71603	29370	29528	29517	27495	28538	26097
. 156	26.947	.00000	35,65049	33885	33925	33751	33432	34329	32019
	GRADIENT	.00000	00267	.00173	.00249	.00295	.00374	.00383	.00477

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

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(PJF065) ( 01 JUN 76 )

PARAMETRIC DATA

				F			

#### 1.090 BETA = .000 RN/L XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT. 10.000 -2.000 6.000 ELEVTR = STAB .0000 IN.YC LREF = YMRP = 327.8000 IN. 10RB = ELEVON = -5.000 190.7500 IN.ZC ZMRP = BREF = 2348.0000 IN. BDFLAP = .000 SCALE = .0400

	RUN NO.	65/ 0	RN/L =	.00 GR/	ADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156	ALPHAW2.742 .293 2.408 4.373 6.439 8.516 10.464 12.529 14.593 16.539 18.567 20.559 22.594 24.555	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.38541 35.28735 35.28354 35.29763 35.29889 35.14613 35.22882 35.31655 35.38652 35.44542 35.54109 35.71345 36.01819	CP10458903297035100363103971054470689908975114721454818249213782581029990	CP206024047210456404593047860608907429093741190114948185612573129804	CP306367047580475804764047640606107345093621196718689216902604630225	CP40425102231019790133001979031800432006435092191193015834193462368128001	CP50719405213044110426504833059360696208734113901384817568209032506529245	CP6061640390902911025620305804018049100678409232117121528218634227082685232180
:157	26.904 GRADIENT	.00000	36.20545 01506	33494 .00128	33198 33198	.00249	15400.	.00422	.00517

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5	STSUDE
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(PJF066) ( 01 JUN 76 )

REFERENCE DATA				PARAMETRIC D	DATA
SREF = 5500.0000 SQ.FT. XMRF LREF = 327.8000 IN. YMRF BREF = 2348.0000 IN. ZMRF SCALE = .0400	' = .0000 IN.YC		BETA = STAB = 10RB = BDFLAP =	-2.000 E	RN/L = 1.090 ELEVTR = 17.000 ELEVON = -5.000
RUN NO	). 66/ 0 RN/L =	.00 GRADIENT INTERVAL =	-5.00/ 5.00		
MACH ALPHAW .155 -2.759 .155 .316 .154 2.389 .155 4.351 .155 6.465 .154 8.497 .155 10.506 .155 12.411 .155 14.547 .155 16.567 .155 18.571 .155 20.555 .156 22.561 .156 24.557 .157 26.894 GRAD IENT	BETA 0(PSF) .00000 35.36033 .00000 35.36033 .00000 35.25806 .00000 35.25806 .00000 35.36071 .00000 35.23456 .00000 35.28784 .00000 35.42872 .00000 35.48112 .00000 35.58403 .00000 35.981127 .00000 35.95127 .00000 35.95127	CP1 CP2 CP304926063830680351104775049032880430504303637046570450424805047049050090564305506923075430740852209058088119311240212314741152081516180291831418321477215462177263092630526562962029595297533467331653326	2402288 3201450 9201984 5402467 6303366 0.304665 9506714 9309811 8912961 1715951 0919568 3524255 9128593 33855	05601 06334 08556 11519 14383 17167 20686 25231 29467	CP606387036920269102959032560389204899067650942112301150261850322947272073246000507

### CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(PJF067) ( 01 JUN 76 )

	REFE	RENCE DATA						PARAMETRIC DATA			
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	= 1	9100 IN.XC 0000 IN.YC .7500 IN.ZC				BETA = STAB = IORB = BOFLAP =	.000 -2.000 6.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	67/ 0	RN/L =	.00 GF	ADIENT INTE	RVAL = -5.1	00/ 5.00			
	MACH	ALPHAW -2.751 -323 -3.345 -4.414 -5.417 -6.384 -9.425 -10.437 -12.503 -14.511 -15.564 -12.589 -18.581 -19.589 -20.581 -21.581 -21.585 -23.586 -24.552 -25.587	BETA .00000	01PSF1 35.31189 35.25363 35.27664 35.20412 35.28482 35.31328 35.18739 35.18739 35.2546 35.23439 35.25495 35.23688 35.26575 35.21688 35.26575 35.29533 35.20301 35.38559 35.44874 35.55809 35.50337 35.52825 35.51005 35.51005 35.71619 35.97244 36.02958	CP104714047140471403148032010319503694037760487305624064840750008865101541118812331145411608617977192492141725349921417253499273952933131561	CP206269057110472304439042870469305204057130641707176081190959010825116121288511612128851161212885116121288515175166241849419551236612555027583293443149931499	CP306575059300472904361041950451805181056160623807007079700938710737116321276315195165581852819556217282381923723295393177532610	CP4040400312102233012670139301508016080224903412042550509906243073280874910325119741545817404193522130423045254752781033107	CP506857059050590505014040760411104330042870488005368058500663307417093691208613648154251695918864207112259224288265332888431132	CP605903048960376202603026590265670311603485039980461805394063240632407368085581082611471131681463114631184392020021891242482653728723	
		GRADIENT	.00000	00474	.00206	.00277	.00336	.00378	.00387	00478	

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(PJF068) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC BETA =

1.090 .000 RN/L = LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = -4.200 ELEVTR = BREF = 2348.0000 IN. ZIIRP = 190.7500 IN.ZC IORB = 6.000 ELEVON = -5.000 SCALE = .0400 BDFLAP = .000

	RUN NO	0. 68/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = $-5$ .	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.706 -1.775 .323 2.345 4.335 6.388 8.483 10.534 12.567 14.530 16.568 18.571 20.528 22.574 24.553	BETA	0 (PSF) 35.30227 35.35006 35.350621 35.28980 35.22988 35.12802 35.23326 35.23715 35.37945 35.52490 35.71960 35.55310 35.61625	CP10458103880030130309303435039230473206697084711127413911178382128625630	CP205929052790448904309045930459305690075650925612034146541837825940	CP30687005943047860478104588046440510007217089621186414335183422171225988	CP40406503105026360168601285020700328004731065900930812409154861877323526	CP506358054250491704025036170434205437068580844611083139121679420031	CP605811047600401602926028120377404908065560899811823114661765222213
. i 56	26.947 GRADIENT	.00000	35,93961 35,93105 -,01220	29562 33219 .00156	29691 33264 .00189	29807 33195 .00319	28063 33528 .00374	29082 34350 .00369	26688 32132 .00479

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-5.000

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(PJF069) ( 01 JUN 76 )

REF		

#### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC RN/L = ELEVTR = .000 1.090 .000

	BREF =	2348.0000 IN.	7400	100 7500 111 70	3170		.000	ELEVIN -
			ZMRP =	190.7500 IN.ZC	IORB	_	6.000	ELEVON =
	SCALE :=	.0400	and the first of the second of				0.000	ELEVON -
34	DOALL -	יטידט.			BDFL	ΛD: #	.000	
			The first the same and the same and the		טטו ב		.000	

	RUN NO.	69/ 0	RN/L =	.00 GF	RADIENT INT	ERVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.716	.00000	35,41167	04844	05290	07039	03749	06052	05444
. 155	-1.722	.00000	35,34957	04154	05644	06212	03150	05395	04760
. 155	.313	.00000	35.25440	02951	04453	04662	02236	04447	~.03498
. 154	2.338	.00000	35.17154	03038	04376	04396	01565	03841	02676
. 155	4.403	.00000	35.28885	02992	04285	04147	01346	03663	02278
. 155	6.424	.00000	35.38922	03408	04586	04357	01921	04203	02654
. 154	8.470	.00000	35.18064	04722	05793	055.09	03289	05370	03507
. 154	10.488	.00000	35.18737	- 05924	06914	06,99	04401	06504	04569
.155	12.426	.00000	35.22392	08246	09215	08819	06095	07971	06058
. 155	14.539	.00000	35.33363	11161	11962	11719	08918	10699	08534
.155	16.605	.00000	35.28571	14179	14974	14692	15550	13712	11534
.155	18,550	.00000	35.50615	17425	18048	17 59	15823	17177	15008
.155	20.553	.00000	35.56829	21339	21893	21726	19597	20779	
.155	22.601	.00000	35.62028	- 25347	25735	25596	23772	24881	19491
.156	24.636	.00000	35.97100	29467	29711	29675	28040	29012	22550 26672
.157	26.928	.00000	36.25806	33410	33609	33399	33549	34361	32173
	GRADIENT	.00000	02181	.00251	.00278	,00403	.00343	.00338	.00453

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402SS

(PJF070) ( 01 JUN 76 )

### REFERENCE DATA

en									PARAMETRI	C DATA	
SREF LREF BREF SCALE	= 5500.0000 = 327.8000 = 2348.0000 = .0400	IN. YMRP IN. ZMRP	- 140	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = 10RB = BOFLAP =	000. 000 6 000.	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	70/ 0	RN/L =	.00 GI	RADIENT INTE	RVAL = -5	.00/ 5.00			
	MACH . 155 . 155 . 155 . 155 . 154 . 155 . 154 . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 157	.345 2.344 4.359 5.405 6.465 7.268 8.518 9.467 10.431	BETA .00000	0(PSF) 35.55025 35.40745 35.23217 35.28173 35.29871 35.12355 35.25493 34.93398 35.22571 34.93589 35.10670 35.29028 35.10670 35.29028 35.1666 35.27347 35.31666 35.28206 35.45871 35.67616 35.69901 35.78263 35.69901 35.68038 35.62948 36.00308 36.10362	CP10440902937031830348603830044600469805509058400699108144090241050011697132591496616527179951983622405528221304563198333634	CP2060300440204296044470462605141053420603406287073940844909285107111187213429151121659617949 +.197862589527840299473141533025	CP30594304201042700424904432052690529006298073690845509349120561355315311167991819820122226512431026478283853059332042332477	CP40336201580015960159601820023210275503014034630445405192063950789909097110061240313974159521723919469214332352725908280893017932531	CP50616205031044730448904656051710548705725061030771408725102451128112983142071579617647188982106522930250452933731338	CP604967036640293802770028390358403584041340499305598067180806709141108541200313568155801652818624222557248352694028911	
	생물의 그는데, 함께 가게 된다.	티 그런 뭐 많이 집에 많이 되었다.	, 20000	04819	.00126	.00241	.00258	.00293	.00275	.00360	

.00275

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30 TS402

(PJF071) ( 01 JUN 76 )

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			. 4.134		North Control			
0000	SQ.F	Τ. :	KMRP :	=	1339	.9100	IN.XC	
	of the first section			4.0				

SREF = 5500.0000 SQ.F LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN.ZMRP = 190.7500 IN.ZC

SCALE = .0400

### PARAMETRIC DATA

BETA	=	.000	RN/L	= "."	1.090
STAB	= '	-2.000	ELEVTR	=	.000
IORB	=	6.000	ELEVON	= .	-5.000
BDFLAP	= '.'	.000			

	RUN NO	). 71/0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP <sup>t</sup>	CP5	CP6
.155	-2.644	.00000	35.23393	04966	06812	07333	04686	05418	06001
. 154	.385	.00000	35.15577	02991	04860	04933	02908	04717	03844
. 155	2.351	.00000	35.37491	03143	04816	04598	02149	03975	02974
. 155	4.473	.00000	35.34522	03020	04617	04248	02266	03987	02696
. 155	5.403	.00000	35.37149	03182	04726	04252	02465	04160	02819
. 154	6,461	.00000	35.18243	03462	04969	044154	02880	04597	03098
. 155	7.381	.00000	35.27957	03957	05451	048 ?8	03136	04797	03200
.155	8.465	.00000	35.29531	04521	05928	05304	03382	05018	03292
.155	9.537	.00000	35.22123	05369	06699	05989	04235	05949	04096
. 155	10.413	.00000	35.39613	06114	07453	06711	04946	06553	04606
.155	11.542	.00000	35.28347	07323	08534	07792	06148	07702	-,05689
. 154	12.502	.00000	35.17616	08319	09551	08778	07198	08524	06637
. 155	13.566	.00000	35.27129	09594	10799	10065	07987	09439	07283
. 155	14.530	.00000	35.28866	11135	12322	11580	09816	1:075	08856
.155	15.491	.00000	35.39615	12355	13508	12774	11178	12192	10036
. 155	16.590	.00000	35.36514	13781	14867	14142	12842	13841	11649
.155	17.564	.00000	35.41058	-,15578	16599	15908	14426	15305	13049
. 155	18.579	.00000	35.53087	17016	17944	17202	16260	17057	14835
.156	19.580	.00000	35.67078	18837	19698	19064	17959	18673	16384
. 155	20.512	.00000	35.24675	20834	21587	-,21019	19553	20182	17724
.155	21.556	.00000	35.26076	23250	- 23958	2353!	21861	22520	20051
.156	22.543	.00000	35.65916	24971	25637	251+7	23596	24220	21677
.156	23.569	00000	35.77543	27134	27760	27273	26188	26725	24146
. 156	24.487	.00000	35.69510	29106	29684	29251	28277	28770	26220
. 157	25.575	-00000	36.12959	30978	31407	30931	30878	31216	28796
. 157	26.973	.00000	36.08230	33153	~.33540	32932	33841	34119	31762
	GRADIENT	.00000	.02186	.00262	.00300	.00429	.00354	.00356	.00475

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5 F30G5.3.5TS402

(PJF072) ( 01 JUN 76 )

# REFERENCE DATA

CDCE								PAI	TAMETRIC	. DATA	
SREF	= 5500,0000	SO.FT.	XMRP =	= 1339.9100	IN XC						
LREF			YMRP =		IN.YC		BETA	=	.000	RN/L =	1.090
BREF	= 2348.0000	IN.	ZMRP =				IORB	=	6.000	ELEVON =	-5.000
SCALE	= .0400			130.7300	114.20		BDFLAP	=	.000		47777

	RUN NO	. 72/ o	RN/L =	.00 GI	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 154 . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.855 .343 2.275 4.406 5.382 6.451 7.403 8.427 9.518 10.450 11.606 12.578 13.590 14.485 15.596 16.609 17.475 18.551 19.492 20.591 21.563 22.644 23.608 24.444 25.570 26.907 GRADIENT	BETA .00000 .000	0 (PSF) 35.60479 35.20251 35.35532 35.00703 34.91465 35.07342 35.09636 35.10671 35.08896 35.14087 35.23086 35.27696 35.27696 35.27696 35.50397 35.33706 35.48260 35.59578 35.65670 35.65670 35.65670 35.65670 35.67033 36.1509607144	CPI0475303067027450324503245032540420205163057250670308994105141119212695144731621618205198302180523539263052822429481319453194531945	CP20658404874042060454404447051010594806411073390864110733908811141312966146581141312966163711821219722216032325925955277912892931326900302	CP306354042290355303982039890437904733056390615407036084380922110891115171310114853420051203442365126576285042967533809 .00348	CP4041390242501180016670166701988028003030038520454805752064210761709142101001164317258	CP50716705521049180491804918059870598806204069660758208702092141041811820125651400215917174421941921538233582923531938292353193834856	CP605966039170292202874039430324603968047220518506299069900788809422101471152213525149211685718982294332475926624294341

# CA-B - FORCE SOURCE DATA TABULATION

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(CA-8) K3V9.1.2TS5

F30G5.3.5TS402

(PJF073) ( 01 JUN 76 )

.00487

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### PARAMETRIC DATA

	斯尔 "请说,请我们的人的话。"	그는 말이 그리는 그는 이 글로 하는다.			T ATTACK TO	טאוא	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC		BETA = IORB = BDFLAP =		RN/L = ELEVON =	1.090 -5.000
	RUN NO.	73/ 0 RN/L =	.00 GRADIENT INTERVAL = -5.	00/ 5.00			
MACH . 155 . 154 . 154 . 154 . 154 . 155 . 156 . 156 . 156	ALPHAW -2.857 .279 2.400 4.391 5.435 6.455 7.600 8.527 9.539 10.517 11.555 12.335 13.515 14.441 15.498 16.567 17.557 18.592 19.632 20.585 21.510 22.644 23.588 24.565	BETA 0(PSF) .00000 35.42910 .00000 35.04320 .00000 34.99636 .00000 35.06054 .00000 35.02893 .00000 35.11326 .00000 35.47169 .00000 35.38246 .00000 35.38246 .00000 35.38775 .00000 35.36298 .00000 35.36698 .00000 35.36698 .00000 35.26128 .00000 35.46706 .00000 35.62054 .00000 35.62054 .00000 35.72535 .00000 35.72535 .00000 35.72535	CP1	CP404557024260163401830019490232303509035090350905871064130757609607106901270914287157651784521652238982587626057	CP507138050300440804561047450512605732062840657907455084510895110878118781287414736162381176541968323370254982742429522	CP6060950363502734026750275603119036070410804437051010614506613076391049512419138061714418770208272301624817	
.156 .156	25,672 26.943 GRADIENT	.00000 35.80402 .00000 35.75159 .0000005250	320393157931767 340543362333723	30564 33444	31934 34801	29493	

.00227

.00285

.00395

.0031

### DATE 95 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5T5402

(PJF074) ( 01 JUN 76 )

PARAMETRIC DATA

				C				

			그렇게 되어 내용하다 하다.					
SREF	= 5500,0000	SQ.FT. XMRP	= 1339,9100	IN.XC	BETA	= .000	RN/L =	1.090
	= 327,8000			IN.YC	STAB	= -4.000	ELEVTR =	.000
	= 2348.0000		= 190.7500		1 ORB	= 8.000	ELEVON =	-5.000
SCAL	F = 0400	김 명기를 보고 있는 경기 생각			EDEL A	P = 000		

	RUN NO	. 74/ 0 RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA Q(PSC)	CPI	CP2	CP3	CP4	CP5	CP6
. 155	-2.728	.00000 35.34213	04146	- 05989	05783	04305	06727	05688
.155	.305	.00000 35.22332	03136	04962	04296	02286	04791	03399
.155	2.306	.00000 35.20768	03334	04781	04066	01788	04392	02736
.155	4.413	.00000 35.33316	03342	04756	03987	01996	04650	02743
.155	6.486	.00000 35.34467	04195	05209	04633	02175	04817	02735
.154	8.500	.00000 35.19299	05153	06020	05391	03606	06264	04075
.155	10.320	.00000 35.29224	06961	07618	07126	04606	07253	04822
. 155	12.505	.00000 35.20269	09422	09977	09513	07122	09498	07109
. 155	14.439	.00000 35.28111	11325	11755	11460	09480	11764	09280
.155	16.602	.00000 35.29839	14959	15242	15112	13121	15125	12661
. 155	18.408	.90000 35.40971	18181	18331	18317	15919	17809	15211
. 155	20.556	.00000 35.61682	22073	21997	22101	19926	21666	19021
. 155	22.573	.00000 35.47496	26305	26032	26241	23973	25661	22990
.155	24.663	.00000 35.60261	30236	29837	30227	28340	29879	27184
.157	27.007	.00000 36.15508	34366	33781	34010	33946	35388	32895
	GRADIENT	00000 - 00376	00105	00174	.00251	.00334	.00300	.00423

### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

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(PJF075) ( 01 JUN 76 )

PARAMETRIC DATA

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п	ᆮ	г	С.	п	Е.	ľ	ľ	_		,,,	V L	м	۱

	0.00 111 1/0		BETA = .000	RN/L = 1.090
SREF = 5500.0000 SQ.FT. XMRP = 1339.			STAB = -2.000	ELEVTR = .000
	.0000 IN.YC			ELEVON = -5.000
BREF = 2348.0000 IN. ZMRP = 190	.7500 IN.ZC			ELEVOIN - J.000
SCALE = .0400		1	BDFLAP = .000	
이 교육하면 그 살아는 사이는 하고 열리가 되고 하는 이 보고 있어 들어가 다른 그 가지는 데 이 나는				

	RUN NO	75/ 0	RN/L =	.00 GR	ADIENT INTE	ERVAL = -5.0	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
.154	-1.862	.00000	35.13072	03709	05578	05139	03666	06587	05265
. 154	.420	.00000	35.13403	02850	04774	04061	02549	05495	04018
. 154	2.347	.00000	35.04509	03211	04423	03956	01833	04999	03242
. 154	4.422	.00000	35.12963	03828	04819	04441	01639	04829	02874
. 154	5.437	.00000	35.10624	04059	04893	04553	62120	05275	03260
.155	6.403	00000	35.25159	04250	05001	04693	02099	05357	03257
.154	7.564	.00000	35.14207	04733	05276	05214	02365	05570	03461
.155	8.485	.00000	35.35915	05485	05845	05825	03213	06384	04253
.155	9.547	.00000	35.26658	06078	06346	06414	03752	06951	04762
. 155	10.424	.00000	35.35299	07491	07624	07760	04255	07416	05079
.155	11.440	.00000	35.33718	08057	08131	08280	05028	08097	05759
. 155	12.633	.00000	35.22346	09330	09330	09500	06618	09538	07293
. 155	13.473	.00000	35.29139	10467	10450	10692	07552	10520	08114
.155	14.499	.00000	35.39723	11940	11801	12212	08988	11892	09468
. 155	15.514	.00000	35.39925	13550	13394	13835	10749	13381	11109
.155	16.501	.00000	35.35156	14875	14669	15180	12058	14593	12268
. 155	17.738	.00000	35.45626	17246	169;7	17469	14203	16626	14245
.155	18.496	.00000	35.60344	18491	18063	18688	15482	17838	15455
. 155	19.734	.00000	35.52882	20529	19901	20623	17753	20091	17749
. 155	20.579	.00000	35.64264	22306	21642	22367	19620	21810	19447 21241
.156	21.494	.00000	35.67912	23912	23225	23986	21461	23640	23372
. 156	22.640	.00000	35.69988	26788	25947	26896	23761	25860	25174
. 156	23.552	.00000	35.76969	28709	27857	28862	25616	27657 29615	27128
. 156	24.519	.00000	35.75933	30363	29405	30495	27600		29578
.156	25.461	.00000	35.72829	31896	30838	31744	29962	31897	32717
. 156	26.968	.00000	35.91010	34810	33646	34687	33197	35068	.00384
	GRADIENT	.00000	00432	00030	.00129	.00110	.00329	.00280	.00364

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(PJF076) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

#### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400 BETA = .000 RN/L = 1.090 STAB = .000 ELEVTR = .000 ICRB = 8.000 ELEVON = -5.000 BDFLAP = .000

	RUN NO.	76/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00		
MACH .154 .154 .154 .155 .155 .155 .155 .155	ALPHAW -2.709 .303 2.329 4.329 6.459 8.407 10.527 12.604 14.465 16.469 18.516 20.415 22.411 24.435 26.972 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.19950 35.09904 35.12301 35.15562 35.33136 35.33098 35.20843 35.23756 35.18998 35.27659 35.49595 35.63468 35.69170 35.59996 35.89046 00606	CP1054020383003852037710483106030076440989312202151001879422194265002967834490	CP20574604206040180394304893059200741209623117681176618215214662561428596	CP3075340753405047048480564506593079951020712443154461899222296265742937334223	CP404016020300098001089019060315004533067280930811909154931549315493284553325000440	CP507128050750414204206050213075660954212021143031775721418256303045435060	CP6065930417103016028180340604404054970750109796120981543919104231612813732782

### CA-B - FORCE SOURCE DATA TABULATION

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# (CA-8) K3V9.1.2TS5H15.6.1F20G5.3.5TS402

(PJF077) ( 01 JUN 76 )

Second   S	REFEI	RENCE DATA							PARAMETRIC	DATA	
MACH   ALPHAW   BETA   Q(PSF)   CP1   CP2   CP3   CP4   CP5   CP6	LREF = 327.8000 BREF = 2348.0000	IN. YMRP		.0000 IN.YC				STAB = IORB =	-2.000 6.000	ELEVTR =	1.090 .000 -5.000
154		RUN NO.	77/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00			
.00516 .00444 .00434 .00372 .00516	. 154 . 154 . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	-2.847 .300 2.197 4.290 5.326 6.356 7.321 8.430 9.400 10.414 11.523 12.432 13.416 14.419 15.456 16.546 17.467 18.446 19.495 20.540 21.516 22.675 23.547 24.608	.00000 .00000	35.00326 35.09624 34.97643 35.08923 35.11993 35.15275 35.275 35.20078 35.23402 35.20078 35.18956 35.18956 35.19914 35.28174 35.30123 35.40125 35.41117 35.51373 35.51283 35.40817 35.42027 35.39563 35.40817 35.42027 35.39563 35.71158 35.88663	CP1052620329503034033990369603914045500505005879065920775208521093341121612833143871568017867217302372325905277862991034337	CP20733205468048020491704910049950524205649052600688607900086070988611137125681113712568111891536917497187252111123040268462691933159	CP307028046550390203980040770432804779052880606406689078320862710017113511298014619158531807619366217722381125851277792993134097	CP404944032360261601823025010255010255003572042830524205242059420707808323099701144712889146911631518533206832315827203	077090604305052057900591405926063490749708523091001027111417128351418715488171881748817188817218818272109823187255082749529446	0677804697037203074036830370403748040900455405154061120676007814089361042911746130341471116352185262060923010249242690332665	

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F20

TS402

(PJF078) ( 01 JUN 76 )

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1	RE	F	EF	₹Ē	N	Œ	DA	TA

SRFF =	5500.0000 9	30.FT.	XMRP =	1339.910	IN.XC
· · · - ·	327.8000		YMRP =		IN.YC
BREF =	2348,0000	IN.	ZMRP =	190.750	D IN.ZC
SCALE =	.0400				

BETA =	.000	RN/L =	1.090
STAB =	-4.000	ELEVTR =	.000
IORB =	6.000	ELEVON =	-5.000
BDFLAP =	.000		

PARAMETRIC DATA

	RUN NO.	78/ 0	RN/L =	,00 GRA	DIENT INTER	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.773 .258 2.259 4.313 6.240 8.322 10.393 12.421 14.426 16.432 18.508 20.471 22.484 24.545 26.892 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.41870 35.30816 35.22380 35.17132 35.19975 35.21679 35.22858 35.26510 35.29110 35.35493 35.48386 35.58465 35.49387 35.5973303566	CP1054840382203428030780337504372058340811910365132281692420500247832791032664 .00338	CP2073570576405050047630494005783071560930411509143771804121220255092833532880 .00374	CP30809005926050060447304453052390640708462107081352517121204422751932047	CP4058900308502508024470294203371051870718209325124891576519735235442864734233	CP5077770497704373042500467805115069290875710729135411668420568242552930734789 .00503	CP6073640423503455031070328503494050270679208558114461438618222217922699532501 .00605

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F20

TS402

BETA

STAB

10RB

(PJF079) ( 01 JUN 76 )

RN/L

ELEVTR =

ELEVON =

PARAMETRIC DATA

.000

-2.000

6.000

.000

PAGE 411

1.090

.000

-5.000

### REFERENCE DATA

### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

BDFLAP = RUN NO. 79/0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAW -2.778 .176 2.191 4.248 5.244 6.428 7.251 9.315 10.407 11.417 12.462 14.545 15.502 16.490 17.451 17.707 18.521 19.512 20.602 21.611 22.627 23.475	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.18761 35.18769 35.10073 35.14908 35.14992 35.16775 35.22381 35.21612 35.19103 35.12582 35.17902 35.25061 35.28300 35.32887 35.54264 35.47940 35.37279 35.49168 35.54591 35.562437	CP106136038990312103268034020355103968051810636907175080530953810243121091316015197153391689316893520675224437	CP20778605688045940469804767052450524505245082850917710518112181294214086160971617717645212842320124935	CP308721060210475504623046380463804922059190701107690085590997710589125011361015562156301716618543208062289024506	CP4060380336502687022680268902744042550507405898066430778809218105211202013798139641541717246194382129823471	CP508019054000461604292042060452804644069150766208282093581080311918151281512816529182742043422193	CP607675047080374003101029210302903131043770505005695063320722308670096691099012677128541416015912180081973221915
.155 .155	21.611 22.627	.00000	35.54571	22754	23201	22890	21298	22193	19732
.155 .155 .155 .156	23.475 24.508 25.593 26.877 GRADIENT	.00000 .00000 .00000 .00000	35.58289 35.50143 35.50618 35.77506 00721	26353 28818 30698 32684 .00423	26784 29148 30920 32820 .00462	26359 28832 30571 32364 .00604	25350 27697 30312 33447 .00533	26169 28416 31034 34058	23665 25920 29568 31672 .00653

GRADIENT

.00000

-.00449

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.00569

.00458

			(CA-8) K3V9.1.2TS5H15.6.1F20				TS402		(PJF080) ( 01 JUN 76 )		
	REFER	ENCE DATA							PARAMETRI(	DATA	
LREF =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	* <del>*</del> * * * * * * * * * * * * * * * * *	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = TORB = BDFLAP =	.000 .000 6.000	RN/L = ELEVTR = ELEVON =	090 .000 -5.000
		RUN NO.	80/ 0	RN/L =	,00 G	RADIENT INT	ERVAL = -5.	00/ 5.00			
	MACH . 155 . 155 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.818 .231 2.160 4.341 6.376 8.436 10.475 12.425 14.314 15.496 18.517 20.543 22.567 24.614 26.863	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.23571 35.26475 35.19490 35.2:954 35.24100 55.31718 35.24292 35.36059 35.32959 35.32959 35.39663 35.62882 35.79655 35.53690 36.26830	CP10567303982033440301203765045510605808209103941399413991320925246722862632817	CP20736105842048960457005229052290936311541149981785921646253022902733124	CP3079510593404810042880472920529206549085051061614149691520930246512845032245	CP4053460325102263023040277603534052270701709360128341621819622234342807224210	CP50722005100041070407304556052830687008575108741395617117203822409128647	CP6067430431803097028060304703556050160653208629116911484417917215422611932340	

.00403

.00377

.00525

-CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS402

(PJF081) ( 01 JUN 76 )

	REFERE	ENCE DATA			PARAMETRIC DATA						
SREF = LREF = BREF = SCALE =	5500.0000 9 327.8000 2348.0000 .0400	IN. YMRP	<b>.</b>	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = 10RB = BDFLAP =	.000 3.000 6.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	81/0	RN/L =	.00	GRADIENT IN	NTERVAL = -5	5.00/ 5.00			
	MACH - 154 - 154 - 154 - 154 - 154 - 154 - 155 - 155 - 155 - 155 - 156	ALPHAW -2.792 .213 2.205 4.360 6.346 8.274 10.548 12.464 14.484 16.545 18.518 20.548 22.448 24.488 26.848 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.16622 35.06889 35.10807 35.13843 35.12538 35.12562 35.17344 35.02982 35.08116 35.17507 35.28086 35.54040 35.54040 35.54054 35.54754 36.12208 00315	CP106186038503726033730632606326106356136691583120889244512821632585	705565 805166 904769 704955 807516 907516 909554 9114639 17696 921976 124976 128544	505871 05235 04648 04619 0561 08925 310593 10593 16937 20938 24370 27890 32062	CP40572503787023787022250277303502049930660209438126551569319477233332835733765 .00517	CP5077310575404313041920464305310067540817610992137661671420367240992899834235	CP60733504944033230292903612048050614408781115691436817875215422652231958 .00641	

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# (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PUF082) ( 01 JUN 76 )

# REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339 9100 IN VC		PARAMETRIC	, OATA	
REF = 327.8000 IN. YMRP = .0000 IN.XC BREF = 2348.0000 IN. ZMRP = .0000 IN.YC SCALE = .0400	BETA = STAB = IORB = BDFLAP =	.000 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
RUN NO. 82/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	00/ 5.00			
MACH ALPHAW BETA Q(PSF) CP1 CP2 CP3  .155 -2.773 .00000 35.23695060030784008468  .154 .147 .00000 35.09097033900540005525  .154 2.302 .00000 35.09416032780492604826  .154 4.360 .00000 35.18692034000491904633  .154 6.365 .00000 35.18528036760514804672  .154 8.303 .00000 35.18528036760514804672  .154 10.396 .00000 35.1556606087073780662  .154 12.371 .00000 35.20025080550926708399  .154 14.438 .00000 35.18055106001165610828  .154 16.471 .00000 35.20051156441473613977  .155 18.502 .00000 35.2005080572538924846  .155 20.515 .00000 35.47012209372159220873  .155 22.519 .00000 35.53296248952538924846  .156 26.884 .00000 35.78880329823323332389  GRADIENT .0000001042 .00360 .00410 .00538	CP4057760344102786025120287603683050410696209377122071583419472236492765134123	CP5076290533904672043320470305480067580859410965133901676220331244062849234628 .00461	CP6 -,072670463503730030750319203762048860657008750111141449117841218622597032276 .00585	

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LREF

### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF083) ( DI JUN 76 )

PAGE

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#### = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC 327.8000 IN.

BREF = 2348.0000 IN. SCALE = .0400

. 155

. 155

.156

.156

.156

GRADIENT

YMRP = .0000 IN.YC ZMRP . =

190.7500 IN.ZC

# PARAMETRIC DATA

-.04654

-.05241

-.05183

-.06089

-.06781

-.07768 -.08548

-.09619

- 10444

-.12211

-.13640

-.14812

-.16672

-.18275

-.20306

BETA = .000 RN/L 1.090 STAB = -2.000 ELEVTR = .000 IORB 6.000 ELEVON = -5.000 BDFLAP = -11.700

-.03183

-.03609

-.03513

-.04324

-.04900

-.05882

-.06572 -.07455

-.08181 -.09911

-.11397

-.12551

-.14330

-.15815

-.17900

	RUN NO	. 83/ 0	RN/L =	.00 G	RADIENT INTE	RVAL = -5	.00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
. 154	-2.765	.00000	35.07737	05884	07495	08292	05792	07861	07431
. 154	. 193	.00000	35.03162	04153	05849	06204	03702	- 05761	05004
. 154	2.248	.00000	34.97641	03462	04847	04945	02523	04558	03571
. 154	4.299		35.18835	03242	04690	04555	02240	04239	02996
. 154	5.246	.00000	35.18945	03400	04782	04555	02875	04826	03505

. 154 6.393 .00000 35.20204 -.04099 -.05420 -.05087 7.375 . 155 .00000 35.24796 -.04173 -.05479 -.05041 . 154 8.277 .00000 -.05455 -.05828 -.06900 35.17912 -.04668 -.05837 . 154 9.476 .00000 35,21059 -.05246 -.06380 . 154 10,461 .00000 35.22789 -.06415 -.07519 .154 11.356 .00000 -.07293 -.08523 35.19855 -.06970 -.08008 . 154 12.429 .00000 35.14238 -.08176 -.09194 35.23612 35.24020 . 155 13.508 .00000 -.09178 -.10171 -.09503 .155 14.428 -.10801 -.12232 -.14009 -.10536 -.11997 .00000 -.11381 .155 15.500

.00000 35.34160 35.34940 35.48138 . 155 16.565 .00000 -.13725 .155 17.574 .00000 -.14800 -.17119 -.18989 -.20575 -.23456 .154 18.465 .00000 35.10048 19.444 . 155 .00000 35.34423 20.545 .155 .00000 35.33369 . 155 21.579 .00000 35.36062

22.555 23.670 .00000 35.45323 -.25051 .00000 35.58715 35.97679 35.94208 35.84171 .01015 24.507 .00000 25,600 .00000 26.879 .00000

.00000

-.27166 -.27369 -.29320 -.29563 -.30746 -.30967 -.33204 -.33128 .00381 .00413

-.12848

-.14577

-.15561

-.17774

-.19691

-.21137

-.23879 -.25475

-.20602 -.19334 -.23475 -.21694 -.24888 -.23822 -.26891 -.26290 -.29258 -.30479 -.32568 .00546 -.27891

-.14907 -.17250

-.19115

-.24716 -.27113 -.28656 -.30397 -.33779 .00520 -.31115 -.34341

-.02691

-.03296

-.03286

-.04189

-.04957

-.05940

-.06888

-.07906

-.08744

-.10611 -.12327

-.13624

-.15626

-.17265

-.22590 -.20028 -.22205 -.24629 -.26027 -.28594

-.31960 .00529 .00644

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF084) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

#### 1.090 SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC BETA = .000 RN/L = .000 .000 ELEVTR = LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN. IORB = 6.000 ELEVON = -5.000 SCALE = .0400 BDFLAP = -11.700

	RUN NO	. 84/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 154	-2.751	.00000	35.00326	06227	07584	08638	05925	08058	07659
.154	.166	.00000	34.92521	03877	05435	05983	03654	05773	04971
.154	2.373	.00000	34.94161	03361	04578	04889	02574	04626	03669
. 154	4.252	.00000	34.97755	03636	04870	04961	02180	04348	03075
.154	6.279	.00000	34.97663	03953	05146	05000	03002	05032	03587
.154	8.281	.00000	35.02032	04803	05874	05561	03771	05739	04078
.154	10.237	.00000	34.98211	06160	07104	06665	04808	06780	04916
.154	12.506	.00000	35.08734	08393	09235	08701	07199	08943	06943
. 154	14.343	.00000	35.13705	10478	11306	10749	09165	10964	08744
. 155	16.433	.00000	35.27548	13477	14293	1=i76	12178	13532	11264
.155	18.496	.00000	35.37483	~.17299	17985	17449	15664	16782	14448
. 155	20.535	.00000	35.50727	21298	21704	21341	19720	20753	18358
. 155	22.450	.00000	35.65746	-,24858	25091	24650	23714	24692	22219
. 155	24.536	.00000	35.62006	-,28982	29225	28947	27640	28486	25781
.156	26.883	.00000	35.72739	33137	33138	32660	33809	34454	32161
	GRADIENT	.00000	00373	.00379	.00407	.00543	.00543	.00543	.00562

ا مارس در از از DATE 06 JUL 76 **PAGE 417** CA-8 - FORCE SOURCE DATA TABULATION F20TS401 (PJF085) (CA-8) K3V9.1.2TS5 ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF 5500.0000 SQ.FT. 1.090 XMRP 1339.9100 IN.XC BETA .000 = RN/L LREF 327.8000 IN. YMRP · ± .0000 IN.YC I ORB 6.000 ELEVON = -5.000 BREF = 2348.0000 IN. 190.7500 IN.ZC ZMRP BDFLAP -11.700 SCALE = .0400 RUN NO 85/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 0(PSF) 35.38773 35.10535 MACH ALPHAW BETA CP3 CP1 CP2 CP4 CP5 CP6 -2.902 -1.834 . 155 .00000 -.08721 -.07718 -.06162 -.07956 -.06212 -.07953 -.07728 . 154 .00000 ~.05305 -.07027 -.05056 -.06785 -.06422 . 154 .240 .00000 35.16009 -.03921 -.05728 -.0607E -.03723 -.05334 -.04768 -.03868 -.03172 . 154 2.242 .00000 35.23514 -.05436 -.05553 -.02982 -.03774 -.04611 -.02982 -.02987 -.03269 -.03516 -.04022 . 154 4.253 .00000 35.06506 -.04737 -.04651 -.04420 -.03398 -.03172 -.03338 -.03590 -.04019 -.04718 -.05123 -.06525 -.06525 -.04832 -.04994 -.05432 -.06069 -.04661 -.04697 -.05060 -.04593 -.04890 -.05045 -.05567 35.05086 35.27409 . 154 5.277 .00000 -.03486 .155 6.346 .00000 -.03514 .00000 35.03831 35.36409 35.24845 . 154 7.369 -.03652 . 155 . 154 . 154 . 154 8.344 9.354 10.357 -.04112 -.06439 -.07236 -.07724 -.04340 -.04898 -.05876 -.06756 -.05812 -.06300 -.05937 -.04242 .00000 35.08856 -.05690 -.04596 11.402 .00000 34.82604 -.07156 -.07213 -.05434 .154 12.405 .00000 35.12618 -.09383 -.10741 -.08729 -.06191 -.08104 -.09587 -.10481 -.12232 -.13316 -.14571 -.16554 -.10096 -.11026 -.12733 -.13787 . 154 -.08108 -.09272 -.10701 13,456 .00000 35.23985 -.09348 -.07392 .00000 -.11642 -.13303 -.10517 -.11688 -.13373 -.14948 -.16498 . 154 14.441 35.15589 -.03513 35.15589 35.34193 35.53424 35.24498 35.32606 15.503 16.470 .155 -.09638 . 155 -.14422 -.15680 -.17556 -.12450 -.14233 -.11231 . 154 . 155 . 155 17.553 -.14927 -.16873 -.12898 18.468 19.552 20.526 .00000 -.15869 -.14356 .00000 35.64946 -.19210 -.18555 -.17608 -.18118 -.16023 .00000 35.50459 -.20434 -.21297 -.20606 -.19855 -.20280 -.18080 -.20434 -.22337 -.24821 -.26366 -.28568 -.30477 -.32898 . 155 -.22481 21.495 .00000 35.50240 -.23071 -.22157 -.22519 -.20283 .00000 .00000 .00000 .00000 -.25043 -.23948 -.25922 -.27924 -.24250 -.26215 -.26138 -.30665 -.34258 -.25556 -.27045 -.29239 .155 22.499 35.49312 -.21931 .155 -.26451 -.28739 -.23367 -.25743 23.499 35.51098 35.51098 36.06491 35.98897 35.84024 -.02510 24.533 25.513 26.883 GRADIENT .156 .156 -.30573 -.34290 -.31101 -.30552 -.28328 .156 -.32077 -.33405 -.32645 .00394 .00428 .00552 .00474 .00490 .00602

The state of the s

회과 화면 내용 사회 이 경찰 연락을		(CA-8) K3	V9.1.2TS5	F20T5402		(PJF086) ( 01 JUN 76 )			
REFERENC	E DATA						PARAMETRIC	DATA	
SREF = 5500.0000 SQ. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP =	.0000 1	V.YC			BETA = IORB = BDFLAP =	.000 6.000 .000	RN/L * ELEVON #	1.090 -5.000
	RUN NO.	86/ 0 RN/	_ = .00 (	RADIENT INTER	RVAL = -5.0	0/ 5.00			
.155 .155 .155 .155 .156 .155 .155 .156 .156	-2.865 -1.872 -2.851 -3.251 -3.04 -5.287 -6.297 -7.345 -8.354 -9.386 -10.422 -11.379 -12.407 -13.431 -14.429 -15.444 -16.525 -17.532 -18.493 -19.493 -20.499 -21.491 -22.508 -23.516 -24.502 -26.939	BETA 0 (P) 00000 35.39 00000 35.29 00000 35.19 00000 35.18 00000 35.17 00000 35.27 00000 35.27 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.21 00000 35.25 00000 35.25 00000 35.36 00000 35.44 00000 35.45 00000 35.45 00000 35.56 00000 35.79 00000 35.79	6F) CP1 97505573 55305116 22103375 51503059 11802739 389903369 24103405 32104238 13305028 55605776 24606394 37407462 34308953 3641838 31314101 22616366 31314101 22616366 31314101 22616366 31314101 22616366 31314101 22616366 31314101 22616366 31314101 31419978 3261934 3272934 32875 33626068 327629950 327629950	CP2074990702405424054240484604509050130492605026058060655707272078620885110311110761261314421176111931721136229762489524895270442887130864333160	CP3084490778105809049150449704682046730597505666071960966910384119271367814611168741852620354222802414726346281583012232341	CP405985046960365002396025140251402757034390408604844052940664207410069411033011944113745153411716919244214772560727692302963368200521	CP507828066360550605506042740407104318041730450405138057180647806890080970883510320115371292314563160701781219794219432594227928304733387805522	CP60745306147047330288703005027790300103557040670465504966061770672208229093191070412434137951550417467196472353525545281423158900637	

CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5

F20TS401

(PJF087) ( 01 JUN 76 )

ELEVON =

CP6

.000 RN/L =

8.000

-11.700

CP5

BETA

10RB

CP4

BDFLAP =

PAGE 419

1.090

-5.000

PARAMETRIC DATA

REFERENCE DATA

XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT. YMRP = .0000 IN.YC LREF = 327.8000 IN. ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN.

.0400 SCALE =

GRADIENT INTERVAL = -5.00/ 5.00 .00 RUN NO. 87/ 0 RN/L =

DATE OF JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF088) ( 01 JUN 76 )

RE	FE	RFN	ICF.	n.	ΔΤΔ	Ġ

### PARAMETRIC DATA

								PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400		= 1339.9100 IN = .0000 IN = 190.7500 IN	I.YC			BETA = STAB = 1ORB = BDFLAP =	.000 3.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	88/ 0 RN/L	. = .00 G	RADIENT INTER	RVAL = -5.0	0/ 5.00			
	MACH . 154 . 154 . 155 . 154 . 156 . 156 . 155 . 155 . 155 . 155 . 155 . 156 . 156	ALPHAW -2.774 -1.857 .237 2.285 4.289 6.322 8.393 10.453 12.441 14.447 16.472 18.504 20.517 22.567 24.552 26.964 GRADIENT	BETA 0(PS	2705781 -1804978 -03761 -03761 -03261 -03236 -03236 -09972 -03236 -09972 -03236 -09975 -07652 -07652 -07652 -09943 -12896 -12896 -12896 -128406 -128435 -12860	CP20780907056059280502005020061000722709171114911431217649215568255682947133731	CP3084700744905940049530443904447053420640208261105 5134291669520718207182873932825 .00567	CP4059660467003322025910265203514048910644209360119841591419469234692784533849	CP5077590642105077043160399704254050790640007696105201278316529192202380623811433957	CP60745106024044190248902952035380474005807084951435917599214182560131661	



# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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# (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF089) ( 01 JUN 76 )

SREF = 5500 0000 SO ET MADO		PARAMETRIC DATA
LRE. = 327.8000 IN. YMRP	1999,9100 IN.XC	BETA = .000 RN/L = 1.090
BREF = 2348.0000 IN. ZMRP SCALE = .0400	= 190.7500 IN.ZC	STAB = .000 ELEVTR = .000
로러워 (BE) 고리인에 다른 (Figure 12 등이 모리다	발표하다 뭐 이 학생들이라고 하다 이 명기를 통했다.	10RB = 8.000 ELEVON = -5.000 BDFLAP = -11.700

	RUN NO	89/0	RN/L =	.00 GI	RADIENT INTE	RVAL ≈ -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156	ALPHAW -2.768 -1.811 .236 2.303 4.266 6.347 8.331 10.367 12.494 14.549 16.505 18.494 20.559 22.554 24.640 26.989 RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.33699 35.31857 35.27375 35.20016 35.28558 35.52788 35.25609 35.27352 35.49270 35.49246 35.357988 35.357988 35.74988 35.68617 04254	CP105331045890330702966030240352604397055220793310119129231625320302243972866932770	CP20737806561053380468904724051970594206986093191134811414917444212612529333430 .00384	CP30821807220056160474704526054-106368055601356013560167612064224674289027	CP4058180464503520025570240303109036770483907017093931217915403126392368728181335698	CP507551064770520604238040630474105277062890826410519130001668920200240652841933773	CP6071380597204465033980335903599044820645108430108791380317903215922594231487

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF090) ( 01 JUN 76 )

			DATA	

### PARAMETRIC DATA

SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP IN. ZMRP	= 1339,9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB = IORB = BDFLAP =	.000 -4.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	907 0 RN/L =	.00 GRADI	IENT INTERVAL = -	5.00/ 5.00			
MACH - 154 - 154 - 154 - 154 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	.211 2.298 4.264 6.320 8.366 10.261 12.488 14.425 16.451 18.490 20.564 22.582	BETA Q(PSF) .00000 35.19951 .00000 35.22273 .00000 35.15983 .00000 35.11015 .00000 35.43347 .00000 35.04529 .00000 35.17440 .00000 35.20123 .00000 35.42497 .00000 35.42497 .00000 35.63603 .00000 35.67576 .00000 35.91788 .00000 35.91788	05906 04921 03505 03547 02932 03172 03923 05667 07456 09757 12501 16269 19796 24355 28154	CP2	905029 503859 702645 802752 903219 1003904 1005470 1007123 1009074 1112251 1115911 1115917 1223698 1327982 1334171	CP507421066210533404159042350461005223066690813910009129261623320172239032796033972	CP607055061910461103260030800327303674049380628807954107671405917879213712551731777	

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF091) ( 01 JUN 76 )

### REFERENCE DATA

# PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP	= 1770 0100 IN VO			
LREF = 327.8000 IN. YMRP		BETA =	.000	RN/L = 1.090
	10000 111.10	STAB =	-2 nnn	ELEVTR = .000
BREF = 2348.0000 IN. ZMRP	= 190.7500 IN.ZC	IORB =		
SCALE = .0400	그렇게 그 집 한국가 회사하다 중요한 그 것으로 그리고 했다.		8.000	ELEVON = -5.000
보다 그는 물이 하는 것 같습니다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그		BDFLAP =	-11.700	

	אין אוטא	). 91/ U	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.702 -1.868 .201 2.259 4.269 5.316 6.314 7.366 8.358 9.375 10.450 11.414 12.423 13.418 14.499 15.454 16.477 17.499 18.501 19.520 20.503 21.580	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 ( PSF ) 35 . 4093 2 35 . 35300 35 . 35300 35 . 36925 35 . 28989 35 . 28489 35 . 25717 35 . 25021 35 . 254657 35 . 25474 35 . 16047 35 . 29174 35 . 37479 35 . 37697 35 . 27874 35 . 59519 35 . 59519 35 . 59519 35 . 69504	.00 GF  CP105502047260363302757026980275702803034710380304345052660604907147081240980810968123551441815953174831965821870	CP207882071450610204997050890499004916055850591207268079960799601761177611776117768163211926819268192682132823549	CP3082620746706008046210442904301042270477304947054640623506869079300893710661116431312815077165581808120177	CP40600305497040090305002779030400292203495038630479405072060210710808136094091123312705194641757619712	CP50735706747053050434404068042240408904549050160573506016073020886110074117081297514637160601756119715	CP60703106380046310346602882037520314503553042100508505982069130605509771093012516138851534217386
			35.69504	21870		22471	19712	19715	1 <i>73</i> 95 19018
.155	22.530 23.523	.00000	35.54249 35.68569	23893	25522	24404	24051	23835	21452
.155	24.560	.00000	35.62850	2574 <i>3</i> 28034	27290 29514	- 26174 - 28436	- 26346	26031	23721
.156	25.528	.00000	35.99621	- 30154	31681	30615	28599 30394	28244 30026	25805 27511
.156	26.999	.00000	36.01522	32763	34111	32923	34805	34369	32136
	GRADIENT	.00000	00280	.00409	.00418	.00572	.00486	.00489	.00613

### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(PJF092) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

				<pre>% *11. *12. * * * * * *</pre>		BETA =	.000	RN/L =	1.090
SREF	= 5500,0000	SQ.FT. XMRP	= 1339.9100	IN.XC			.000		
				IN.YC		STAB =	-2.000	ELEVTR =	-23.000
					lista ilikuli salah terdiri	10RB =	8.000	ELEVON =	-5.000
BREF	= 2348.0000	IN. ZMRP	= 190.7500	IN.ZU					
SCALE	= .0400			Programme of the second		BDFLAP =	-11./UU		
JUNEL	0.00								

	RUN NO	. 92/ 0	RN/L =	.00 GR	ADIENT INTER	RVAL = -5.	00/ 5.00		
MACH .155 .155 .155 .155 .154 .155 .155 .154 .155 .155	ALPHAW -2.698 -1.895 .196 2.258 4.289 6.318 8.371 10.395 12.435 14.450 16.498 18.494 20.479	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.21489 35.23018 35.23907 35.29709 35.19059 35.27585 35.27585 35.27585 35.26098 35.19940 35.14649 35.14666 35.54633	CP1056450488034270287402573029860398805122071970945312562156821920323679	CP20764006812053220462404415047900551906665086271091713941158622022424610	CP3084270751905738048010432304413056670606110319132671616919587241C9	CP40552304348029610263202013026140329204837061010846412007152721892723101	CP50748706280048340422403837043600500506427075600990812966160571965323632	CP607107057990407803253029360336404670056780780613890739921311
. 155 . 157	24,492 27.041	.00000	35.54314 36.25048	28015 32626	28883 33252	32659	33720	33900	31657
	GRADIENT	nnnnn	.00045	.00440	.00466	.00593	.00476	.00500	.00613

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F20TS401

(PUF093) ( 01 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

											m		1.090
CDEE		5500 0000	SO F	T. XMRP =	1339 9100	IN XC			BETA =	.000	RN/L :	=	
									CTAD	2 000	CLEVID		.000
1 DCC		327.8000	IN	YMRP =		IN.YC			STAB =	-2.000	LLEVIR -	-	
									1000	<b>→</b> 000	FLEVON		.000
PPFF	=	2348.0000	IN	ZMRP =	190.7500	IN.7C			10RB =	3.000	ELEVON :	<b>*</b>	.000
CITT									000.40	11 700			
COALE		በμበበ		and the second second					BDFLAP =	-11.700			

	RUN NO.	93/ 0	RN/L =	.00	GRADIENT INTE	:RVAL = -5.	.00/ 5.00		
MACH	ALPHAW	BETA	O(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.740	.00000	35.33123	05120	07084	07858	05210	07052	06812
. 154	. 189	.00000	35.15241	03236	05203	05561	02611	04493	03970
154	2.244	.00000	35.10423	02838	04592	04669	02185	04012	03261
. 154	4.326	.00000	35.12194	0245:	04199	04053	01749	03599	02523
. 154	6.297	.00000	35.08503	03044	04733	04408	02324	04061	02839
. 155	8.372	.00000	35,20480	03807	05443	04916	03123	04801	03362
.155	10.259	.00000	35.22797	05118	05696	06011	04503	06132	04470
.155	12.427	.00000	35.20111	06914	08306	07548	06054	07513	05788
. 155	14.478	.00000	35.28931	09770	11248	10468	08840	10142	08123
.155	16.500	.00000	35.49209	12761	14078	- 133⊆B	11342	12348	10329
. 155	18.556	.00000	35.31415	16308		16748	~.15129	15942	13809
	20.586	.00000	35.34174	- 20069		204E4	19036	19739	17480
.155			03047	.00373		.00540	.00482	.00482	.00599
	GRADIENT	.00000	0.5047	.005/3		. 017-710	. 00 104	.00.00	

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### (CA-8) K2V9.1.2TS5H15.6.1F20TS401

(PJF094) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

#### SREF = 5500.0000 SO.FT. LREF = 327.8000 IN. XMRP = 1.090 1339.9100 IN.XC BETA .000 RN/L YMRP = .0000 IN.YC STAB -2.000 ELEVTR = .000 BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC TORB 3.000 ELEVON = .000 SCALE = .0400 BDFLAP = -11.700

	RUN NO	. 947 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAN	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.747	.00000	35.26900	05433	07420	08251	05315	07189	06933
. 155	.141	.00000	35.21295	03499	05534	05967	03159	05032	04347
. 154	2.222	.00000	35.16805	02866	04603	04768	02289	04150	03326
. 155	4.351	.00000	35.19659	02904	04620	04569	02125	03968	02816
.155	5,299	.00000	35.21312	02934	04663	04521	02350	04197	03002
. 154	6,384	.00000	35.17853	03070	04669	64502	02627	04356	03020
, 155	7.394	.00000	35.24665	03702	05296	04964	03387	05118	03687
. 155	8.376	.00000	35.25084	03702	05250	04809	03296	05025	03531
. 155	10.357	.00000	35.27587	05654	07117	06496	04832	06485	04652
. 155	11.502	.00000	35.35094	06654	08078	07397	05698	07323	05414
. 155	12.458	.00000	35.28907	07872	09237	08561	06755	08262	- 06430
.154	13.494	.00000	35.14841	09097	10452	09777	08000	09421	07410
. 154	14.500	.00000	35.12484	09851	11219	10558	09259	10597	08512
. 154	15.551	.00000	35.13343	11842	13073	12557	- 10599	11732	09670
, 154	16.449	.00000	35.13460	13094	14335	13634	12124	13132	11072
. 155	17.519	.00000	35.26941	14743	15849	15209	13767	14721	12523
. 155	18,486	.00000	35.43232	16765	17814	17266	15406	16308	13998
. 155	19.449	.00000	35.31506	18518	19548	19000	17257	17944	15618
. 155	20.548	.00000	35.38480	20415	21307	20786	19187	- 19944	17597
. 155	21.569	.00000	35.40533	22224	23163	22606	21120	21823	19428
. 155	22.568	.00000	35.45646	24260	25062	24494	23683	24299	21924
. 155	23.492	.00000	35.37907	26015	26507	26191	25578	26070	23744
. 155	24.498	.00000	35.54151	27720	28363	27901	27322	27778	25411
155	<i>2</i> 5.549	.00000	35.50766	30035	30622	30147	29745	30090	27714
155	26.911	.00000	35.48481	32336	32808	32150	33403	33691	31478
	GRADIENT	.00000	01163	.00364	.00410	.00535	00459	.00463	00584

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE DE-JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F20TS401

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(PJF095) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

요즘에게 살려냈다면 바퀴를 급급하여 어떻게		BETA =	.000	RN/L = 1.090
SREF = 5500.0000 SQ.FT. XMRP	= 1339,9100 IN.XC	STAB =		ELEVTR = .000
LREF = 327.8000 IN. YMRP		10RB =		ELEVON = .000
BREF = 2348.0000 IN. ZMRP	= 190.7500 IN.ZC	BDFLAP =		

	RUN NO.	95/ 0	RN/L =	.00 GRADIENT INTERVAL = -5.007 5.00					
MACH . 155 . 154 . 155 . 155 . 155 . 154 . 154 . 154 . 155 . 155 . 155 . 155	ALPHAW -2.721 .171 2.400 4.213 6.307 8.351 10.361 12.383 14.420 16.467 18.484 20.597 22.621 24.647 26.919 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.21262 35.12256 35.22721 35.31861 35.34772 35.39337 35.05508 35.02356 34.99756 35.04811 35.21789 35.43339 35.45158 35.55119 35.551187	CP106077036480326303171031150401205415074981021613061163512030224513283523221200415	0796105531049570496004750055380678508918114971143061750121206252702896732689	P3 08892 06185 05191 04898 04898 05179 06116 08251 11(44 13763 16872 20749 24620 28860 32178	CP40566803435026880221027130327104813066460921112046153591913323844280113296800494	CP5076110536404604040970452405047065390811410554131281625019969244332851233312 .00503	CP60734204733037200321803526047660632608479110751400217595220982607831005 .00618

# (CA-B) K2V9.1.2TS5H15.6.1F20TS401

(PJF096) ( 08 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. XMRP = 1339.9100 IN.XC BETA YMRP = RN/L = .0000 IN.YC .000 1.090 BREF = 2348.0000 IN. STAB ZMRP = 190.7500 IN.ZC -6.000 ELEVTR = .000 SCALE = .0400 IORB 3.000 ELEVON = .000 BDFLAP = -11.700RUN NO. 0/0 RN/I =

	, , , , , , , , , , , , , , , , , , ,	MMYC = .00 (	GRADIENT INTERVAL = -	5.00/ 5.00		
MACH . 154 . 154 . 154 . 154 . 154 . 154 . 155 . 155 . 155 . 155	ALPHAW BETA -2.699 .00000 .182 .00000 2.188 .00000 4.290 .00000 6.324 .00000 10.312 .00000 12.524 .00000 14.433 .00000 14.433 .00000 16.398 .00000 20.630 .00000 20.630 .00000 24.675 .00000 25.544 .00000 24.675 .00000 GRADIENT .00000	Q(PSF) CP1 35.0817605765 35.0374403536 35.0509403243 34.9895902797 35.0070203516 35.0788303952 35.1312305563 35.1130907947 35.1517809766 35.1601012865 35.2898516045 35.2898516045 35.3414220470 35.5869923903 35.6073528200 35.725243197901148 .00414	CP2	CP4 05564 03633 02261 02086 02699 03463 04886 07076 09317 11657 15185	CP50751905612046300463005239066310855510719128591610720254238092822134013	CP607195049410335690326903703049130677408563107671393617912214192585231855

DATE 05 JUL 75 CA-8 - FORCE SOURCE DATA TABULATION

(PJF097) ( 01 JUN 76 )

PARAMETRIC DATA

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(CA-8) K2V9.1.2TS5 F20TS401

REFERENCE DATA

SREF = 5503.0000 SQ.FT. BETA .000 RN/L = 1.090 XMRP = 1339.9100 IN.XCIORB .000 3.000 ELEVON = 327.8000 IN. YMRP = .0000 IN.YC BDFLAP = -11.700BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC

SCALE = .0400

	RUN NO	. 97/ 0	RN/L =	.00	GRADIENT INTE	RVAL = -5	.00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	СРЧ	CP5	CP6
.155	-1.993	.00000	35.32331	054:9	07200	07998	04375	06307	05940
. 155	. 158	.00000	35.31022	03822	05718	06080	03040	04977	-,04274
. 155	2.344	.00000	35.29193	03165	04784	04895	02021	03862	02996
. 155	4.365	.00000	35.24742	03066	04792	04724	01890	03744	02586
. 154	6.302	.00000	35.09182	03613	05235	05003	02365	04198	02815
. 154	8.358	.00000	35.07900	04703	06132	05805	02844	04657	03036
. 154	10.495	.00000	35.02186	06140	07457	06990	04428	06102	04228
. 154	12.336	.00000	35 03895	08248	09590	09023	05861	07410	05421
. 154	14.423	.00000	35.09965	10301	11498	11039	08760	10107	07703
. 154	16.654	.00000	35.14665	13747	14873	14503	11701	12738	10545
.155	18.511	.00000	35.34916	17228	18220	17838	15215	16953	13673
. 155	20.503	.00000	35.50819	20436	-,21128	20717	18741	19532	17110
.155	22.590	.00000	35.24829	24723	25354	24996	23424	24168	21591
. 154	24.515	.00000	34.96996	29008	29545	29355	27349	27885	25246
. 154	26.732	-00000	34.84987	32255	32575	32135	32509	32903	30482
	GRADIENT	.00000	01151	.00365	.00386	.00520	. 00400	.00416	.00535

# (CA-8) K2V9.1.2TS5H15.6.1F20TS401

(PJF098) ( 01 JUN 76 )

# REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP		PARAMETRIC DATA
LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP	= 1339.9100 IN.XC = .0000 IN.YC	BETA = .000 RN/L = 1.090 STAB = -4.000 ELEVTR = -23.000
SCALE = .0400	= 190.7500 IN.ZC	IORB = 3.000 ELEVIN23.000 BDFLAP = -11.700

	RUN NO	98/ 0	RN/L =	.00 0	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH .154 .154 .154 .154 .155 .155 .155 .155 .155 .155 .155 .155	ALPHAW -2.700 .119 2.215 4.287 6.340 8.479 10.436 12.500 14.501 16.399 18.569 20.588 22.469 24.605 26.807 6R4DIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.01983 35.01559 35.12932 35.09455 35.16638 35.16538 35.16538 35.20756 35.24846 35.28797 35.40042 35.53297 35.50780 35.50780 35.46352 .01443	CP105789038300330102980035150439405775078411019812948167342021824331285743234200399	CP2076270573805001046170507105794071370912611421140781773821047250382909232710 .00433	CP3084010604405006045380479105341065420845910613135171711920504245512874032114	CP4050100272502045017530256803197045760623208647112401514818842229402718932448	CP5063680468504624035710434204938062220763410085122591626119619235542767332828	CP60671104094031730246203033033580445805810079211019117245210722509430434

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F20TS401

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(PJF099) ( 01 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

			BETA	= .000	RN/L =	1.090
SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC					
	= .0000 IN.YC		STAB		ELEVIR =	
			IORB	= 3.000	ELEVON =	.000
BREF = 2348,0000 1N. ZMRP	= 190.7300 IN.ZC			AP = -11.700		
SCALE = DUDO		and the management of the control of	BUFL	4P = -11.700		

	RUN NO.	99/ 0	RN/L =	.00	GRADIENT	INTERVA	L = -5.	007 5.00		
MACH_	ALPHAW	BETA	Q(PSF)	CP1	CP2		CP3 .08065	CP4 04841	CP5 06768	CP6 06479
. 155 . 155	-2.887 -167	.00000	35.36279 35.31531	03539	-		.05763	02812	04714	03992
. 155	2.368	.00000	35.34276	02888			.04656	01947	03863	02915
.155	4.474	.00000	35.32696	0248	7	85 -	.04064	01519	03334	02160
. 155	6.399	.00000	35.31022	0335	2049	963 -	.04691	01702	03505	02090
. 155	8.466	.00000	35.29679	0405	1055		.05072	02451	04193	02590
. 155	10.478	.00000	35.36822	0536	the state of the s		.06169	03819	05405	03590
. 154	12.433	.00000	35.09136	0750			.08172	05900	07338	05428 07724
. 154	14.486	.00000	35.10419	1032		-, •	.11063	08607	10023 12072	09840
. 155	16,484	.00000	35.34601	1321		—	.13857	11063 14659	15443	13106
.155	18.520	.00000	35.57672	1652			. 17055 . 20572	18293	18991	- 16574
. 155	20.609	.00000	35.52291	2020			.24764	22508	23095	20517
. 155	22.543	.00000	35.40181 35.35908	2441 2810	- 500		.28288	26917	27381	24807
.155	24.575 26.877	00000.	35.12052	3225			.32096	32963	33307	31008
.104	CDADIENT	00000	= 00367	0039			.00550	.00456	.00469	.00588

# (CA-8) K3.1V9.1.2TS5H15.6.1F20TS402

(PJF100) ( 01 JUN 76 )

### REFERENCE DATA

# PARAMETRIC DATA

core -								PARAMETRIC DATA		
LREF = ;	500,0000 327.8000 348.0000 .0400	SQ.FT. XMRP IN. YMRP IN. ZMRP	0000 IN.Y	<b>D</b>			BETA = STAB = 10RB = BDFLAP =	.000 -4.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
		RUN NO	. 100/0 RN/L =	.00	GRADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.823 2.242 4.340 6.312 8.395 10.504 12.509 14.458 16.461 18.657 20.663 22.604 24.442 26.704 GRADIENT	BETA 0(PSF) .00000 35.23415 .00000 35.18262 .00000 35.1886401000 35.3212001000 35.28348 .00000 35.31950 .00000 35.2993601000 35.32035 .00000 35.45922 .00000 35.45922 .00000 35.5630401000 35.5726001000 35.5726001000 35.5726001000 35.77431800120 .00981	CP105595043C4036430393604673061330833211094137631721221335250152902132557	06181 05241 05007 05446 051446 06157 07495 09533 12287 14800 18085 22077 25612 29474 32830	CP3082600649205337048820510005607068500893711731142721751621606252702922332432	CP40548203038021500197203292046670632508832116511540619194231532712132340 .00502	CP50734404974040700381204062 .05056063610780610288126911638120053236672769032634 .00503	CP6070560424903160027130274703520046230591308038105471413317624214042515430390 .00617	

(CA-8) K3.1V9.1.2TS5H15.6.1F20TS402

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(PJF101) ( 01 JUN 76 )

PARAMETRIC DATA

SREF	=	5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC			BETA	=	.000	RN/L =	1.090
LREF	=	327.8000	IN.	YMRP =	.0000	IN.YC			STAB	=			
BREF	==	2348.0000	IN.	ZMRP =	190.7500	IN.ZC			IORB		6.000	ELEVON =	-5.000
SCALE	=	.0400							BDFLA	⊃ =	.000		
									. 17. 4	S.			
				STILL KIO	101/0		 DARTENIT	INITEDVAL -	 107 E 1	nn -			

	RUN NO	0. 101/ 0	RN/L =	.00 (	GRADIENT INT	ERVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
.155	-2.749	.00000	35.20035	05937	07874	086+0	05582	07460	07125
. 155	.207	.00000	35,21082	03900	05901	06238	03397	05295	04629
. 155	2.263	.00000	35.18491	03431	05127	05158	02129	04062	03145
.155	4.297	.00000	35.18821	03364	05080	04956	01900	03830	02589
.154	6.244	.00000	35.15041	03481	05041	04716	02132	03959	02529
. 155	8.301	.00000	35.24295	04787	06234	05838	03320	05142	03516
.155	10.311	.00000	35.22309	06101	07474	06832	04549	06226	04393
.155	12.399	.00000	35.29596	07910	09190	08433	06301	07768	05961
. 155	14.524	.00000	35.28769	10634	11842	112+0	09022	10482	08240
. 155	16.550	.00000	35.23108	13014	14061	1 34 71	11765	12847	10684
. 155	18,655	01000	35.29251	16624	17574	16932	15253	16176	13888
.155	20.563	.00000	35,38367	20783	21557	21148	18532	19399	16825
. 155	22.487	.00000	35.42480	24649	25244	248 <i>1</i> 7	22825	23592	20987
.155	24.509	01000	35.42611	28528	28983	28652	27169	27832	25197
.155	26.820	.00000	35.35145	32887	33165	32735	32586	33097	30583
	GRADIENT	.00000	00250	.00366	.00408	.00535	.00542	.00534	.00661

#### (CA-8) K3.1V9.1.2TS5H15.6.1F10TS402

(PJF102) ( 01 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = LREF = BREF = SCALE =	327.8000 2348.0000	SO.FT. XMRP IN. YMRP IN. ZMRP	= 1339.9100 IN.X = .0000 IN.Y = 190.7500 IN.Z	Ċ		BETA = STAB = IORB = BDFLAP =	.000 -2.000 000.6	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO.	102/ 0 RN/L =	.00 GRADIEN	T INTERVAL = -5.	00/ 5.00			
	MACH	22.553 24.457	BETA Q(PSF) .00000 35.12991 .00000 35.13963 .00000 35.09236 .00000 35.11751 .00000 35.21117 .00000 35.21117 .00000 35.21957 .00000 35.23896 .00000 35.33734 -01000 35.36616 -01000 35.368616 -01000 35.36864 -01000 35.36864	0552307 30421406 50363505 60363405 70464106 70564107 80794305 81025411 81300614 91627517 92437425 92437425 92437425 92437425 93316035	CP3 732208242 619206602 523705493 520805140 535705123 610305696 702306411 9148085.59 1426108.32 4069135.45 725116635 072620212 499024532 915226352 541833005	CP4050760331902050019310253703325045090625508698113151489918292227962688133200 .00508	CP5070220533803998038780435805131062160778110181123551585319140235302748833707	CP6067170470803191027580305003605045210599007978102801362115733210202498431319 .00636	

### DATE 06 JUL 74 CA-8 - FORCE SOURCE DATA TABULATION

#### (CA-B) K3V9.1.2TS5H15.6.1F10TS402

(PJF103) ( 01 JUN 76 )

		DA	

SREE	= 5500.0000	SO ET YMRP	= 1339 9100	IN XC		BET	A =	.000	RN/L =	1.090
	= 327.8000			IN.YC		STA	B =	-2.000	ELEVIR =	
	= 2348.0000		= 190.7500			105	B =	6.000	ELEVON =	-5.000
SCALE	= .0400					BDF	LAP =	.000		

	RUN NO	0. 103/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	СРЧ	CP5	CP6
. 154	-1.960	.00000	35.11459	05902	07668	08461	04646	06675	06350
.154	.122	.00000	35.13768	03781	05688	06098	03228	05215	04590
. 154	2,246	.00000	35.09181	03832	05375	05E10	02141	04153	03309
. 154	4.243	.00000	35.04259	03458	04971	05012	01782	03694	02583
. 154	6,256	.00000	35.04244	03711	05177	04589	02078	03981	02677
.154	8.399	.00000	35.12929	04137	05526	05130	02703	04542	02985
. 154	10.322	.00000	35.14873	05894	07150	06853	04359	06155	04409
.154	12.347	.00000	35.12784	07565	08716	08116	06185	07785	06003
.154	14.401	.00000	35.07870	10273	11327	10861	08582	10239	08057
.154	16.574	.00000	35.01119	13564	14553	14066	11514	12646	10512
. 155	18.548	.00000	35.19854	16501	17305	16789	14982	15973	13721
. 155	20.466	.00000	35.25661	20117	20819	20384	18380	19225	16853
. 155	22.443	01000	35.36262	24394	24880	24590	22416	23234	20650
. 155	24.425	.00000	35.24285	28303	28684	2B-51	26641	27332	24764
. 155	26.995	.00000	35.20071	33167	33381	32939	33255	33805	31402
	GRADIENT	.00000	01259	.00352	.00406	.00523	.00468	.00484	.00608

#### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(PJF104) ( 01 JUN 76 )

.00680

			CF			

GRADIENT

.00000

.00297

.00430

#### PARAMETRIC DATA

.00552

SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	= 1339.9100 = .0000 = 190.7500	IN.YC			BETA = STAB = IORB = BDFLAP =	.000 -2.000 000.3	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
		RUN NO.	104/0 R	N/L = .00	GRADIENT IN	TERVAL = -5.0	00/ 5.00			
	MACH	ALPHAW	BETA O	(PSF) CP1	CP2	CP3	CP4	CP5	CP6	
	. 154	-2.937	.00000 35.	04441065		09218	05848	07823	~.07658	
	. 154	.106	.00000 35.	01987040	08306082	06370	03249	05189	04581	
	. 154	2,209	.00000 34.	99517039	57105304	05324	02155	04105	03286	
	. 154	4,379	.00000 35.	0818103	39905055	04913	02005	03875	02761	
	. 154	6.358		09238036	59105260	04927	02254	04098	02736	
	. 154	8.377		08799041		05750	03030	04828	03294	
	. 155	10.315		21411059		- 06803	04236	05950	04253	
	. 155	12.578		3649208	15409398	08935	05970	07475	05505	
	. 155	14.587		37564108		10542	08476	09971	07714	
	. 155	16.654		50033139	53314688	14037	11774	12951	10754	
	.156	18.391		74698 16 <sup>1</sup>	+3917439	16649	14556	15526	13269	
	. 155	20.483		50490203			18598	19362	17009	
	. 155	22.530		46312247		-,24928	22736	23406	20925	
	. 155	24.536		+2061289		29183	27112	27707	25!77	
	. 155	26.860	.00000 35.	30388330	07733421	32928	32752	33291	30888	

.00460

.00596

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#### (CA-8) K2V9.1.2TS5F30G5.3.5TS401

(PJF105) ( 08 JUN 76 )

PARAMETRIC DATA

LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP	= 1339.9100 = .0000 = 190.7500	IN.YC	BETA = 103 = BDFLAP =	.000 RN/L = 6.000 ELEVON = .000	1.090 -5.000
SCALE = .0400					

	RUN NO.	07 0 RN7L	. = .00	GRADIENT INT	ERVAL ≠ -5.	00/ 5.00		
MACH	ALPHAW	BETA QIPS	F) CP1	CP2	CP3	СРЧ	CP5	CP6
. 155	-2.947	.00000 35.185	0616	007993	08938	05608	07611	07385
.155	2.238	.00000 35.207	7000357	105259	05380	02125	- 04059	03206
. 154	4.305	.00000 35.124	500333	05000	04960	01817	03730	02538
. 154	6.212	.00000 35.163	03411	004969	04721	02152	04011	02614
. 155	8.273	.00000 35.205	470429	505785	05396	02464	04252	02635
. 155	10.302	.00000 35.238	080589	507241	06697	04183	05899	04110
. 155	12.311	.00000 35.227	680783	709120	08454	- 06047	07630	05768
. 155	14.314	.00000 35.179	020981	310969	10441	- 08242	09791	- 07576
. 155	16.425	.00000 35.282	3712859	513992	13427	11201	12288	10216
. 155	18.442	.00000 35.381	871663		17099	- 14596	15617	13239
.155	20.552	.00000 35.500	3620468	321253	20831	18596	19440	16988
. 155	22.551	.00000 35.353	322469	725345	25006	22652	23442	20912
. 155	24.507	.00000 35.246	932819	728729	28425	26596	- 27237	24699
. 155	26.885	.00000 35.198	5032878		32810	32918	33460	31075
	GRADIENT	.00000005	94 .0041	.00435	.00575	.00552	.00564	.00695

### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(PJF106) ( 01 JUN 76 )

	<b>5</b> -								(PUFII	נים ביים נים ביים ביים ביים ביים ביים בי	UN /6 )
	REFERI	ENCE DATA							PARAMETRI	C DATA	•
SREF = LREF = BREF = SCALE =	5500.0000 9 327.8000 2348.0000 .0400	IN. YMRP	=	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	106/ 0	RN/L =	.00 (	BRADIENT INTE	RVAL = -5	.00/ 5.00			
	MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.819 .215 2.365 4.142 6.196 8.438 10.409 12.414 14.354 16.403 18.534 20.503 22.467 24.528 26.907 GRADIENT	BETA .00003 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.25616 35.25398 35.22898 35.19965 35.22162 35.17536 35.19858 35.22165 35.20795 35.50795 35.50714 35.53225 35.40614 35.58321 00376	CP1061930400703656033520336404364055810772410314128801671920137243042858233060 .00403	CP208095053230500805505057810698408970114341402717728209542502629070333365 .00447	CP3089270542305423051830518305247062760826810853134191714120390245702867932569 .00580	CP4061650300302235018290209703097058060580608387111401473718121223892685032737	CP5081020494004141036970394004944057250738209878122691564018908230752753433235	CP6078470430303251025960257903330034590545907684101191329416427205372493930727	

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

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(PJF107) ( 01 JUN 76 )

REFERENCE DATA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 LREF = 327.8000 IN. YMRP = .0000	IN,XC IN,YC IN,ZC	BETA = .000 RN/L = 1.090 STAB = .000 ELEVTR = .000 IORB = 6.000 ELEVON = -5.000 BDFLAP = .000

	RUN NO.	107/ 0	RN/L =	.00	GRADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 154 . 154 . 154 . 154 . 155 . 155 . 155 . 155	ALPHAW -2.824 .326 2.369 4.318 6.335 8.485 10.276 12.331 14.361 16.501 18.520 20.556 22.581 24.487 26.894 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	35.32023 35.20688 35.17059 35.16607 35.06433 35.11101 35.04055 35.05420 35.11916 35.39640 35.46509 35.46509 35.46366 35.45339	CP10626(0416(0400)0352(0403)0465(0771)1032(1347)1710(2470)2470(2868)3252(.0037	05898 05442 704923 905335 605955 707000 508837 611408 014435 117904 021051 825171 529075 832669	CP3088780622505612048750518605568065140827010917139281743420615248582877932150	CP4060870326402397017430187903033039820584508214114501454718350227112690132953	CP5081000532904461037620382504909058000745109790125511553419154234592755833503	CP6078390465503480025750245703382039510552107491103871312416764209332504631162 .00740

### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(PJF108) ( 01 JUN 76 )

#### REFERENCE DATA

The state of										i WOMUE LIVE	DATA	
LREF	= 23	300.0000 327.8000 348.0000 .0400	IN. YMRP	= [7]	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 2.000 6.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
			RUN NO	. 108/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.0	5.00			
		MACH .155 .154 .155 .155 .155 .155 .155 .155	ALPHAW -2.881 .168 2.228 4.268 6.105 6.333 8.344 10.357 12.357 12.409 16.413 18.465 20.545 24.526 26.862 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.31316 35.05833 35.30244 35.21971 35.09347 35.17221 35.19866 35.07050 35.10379 35.09177 35.42481 35.33529 35.4661 35.38018 35.89056 35.77663 00453	CP10662704553036740336900392104854058310808910482131661651820096242782815432947	CP208412064640528504959052600547206336072190929911738143611759821051250772883133458 .00500	CP30922706712052790484404926051460579206539085951110613763169532035424479283063292500633	CP4061650381102880026430275502515035550451506399115301491718666232012734133061	CP507919055310460004327043150413305103059700761410081123351555619200235552759033135	CP607728048910369803213030110280903543042370577907884102621331816810211602520530740 .00643	



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## CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F10TS40265.3.5

(PJF109) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	=	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				STAB IORB	= .000 = .000 = 6.000 = .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	MACH - 155 - 155 - 154 - 154 - 155 - 155 - 155 - 155 - 155 - 155	RUN NO.  ALPHAW -2.923 .167 2.179 4.198 6.284 8.310 10.361 12.374 14.461 16.460 18.518 20.504 22.536 24.507 26.901 GRADIENT	109/ 0 BETA .00000	RN/L =  0 (PSF) 35.26063 35.19385 35.32995 35.03881 35.08240 35.08240 35.08240 35.08240 35.08240 35.52660 35.52660 35.52660 35.52760 35.6115102143	.00 G CP105::690379203233034390466605506055060808209984133731656420280247292648032980	CP2076750595504869048720586705867066180921011105144051753621162254632915133563	CP3079060548404457043600425305307085551054013861168762063826028287203296500516	CP405070029920165501914028080387505485077331102114860183562643264327026	CP50770905622044270411405299062000747109578124581611819364235462774033544	CP6071680467803219027080291803589043070557107504104191403217162212312547231384 .00646	

### (CA-8) K3V9.1.2TS5H15.6.1F10TS402SS

(PJF110) ( 01 JUN 76 )

### REFERENCE DATA

### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400 PARAMETRIC DATA BETA = .000 RN/L = 1.090 STAB = .000 ELEVTR = .000 IORB = 5.000 ELEVTR = .000 BDFLAP = .000

.0100							BDFLAP =	.000	ELEVON =	-5.000
	RUN NO	- 110/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00			
MACH - 155 - 155 - 154 - 155 - 154 - 155 - 155 - 155 - 155 - 155 - 156 - 156	ALPHAW -2.804 .122 2.207 4.279 6.337 8.341 10.374 12.355 14.391 16.502 18.533 20.496 22.508 24.499 26.877 38ADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.21528 35.34768 35.34769 35.07579 35.21173 35.05913 35.00920 35.14095 35.32797 35.36859 35.41063 35.42341 35.79934 35.83813 02391	CP10610004563035440318703327042060596607176099311310516096198912808433032	CP207938065070524804980049830579607396073961133614520173062097324907249072884133699	CP308876068820539804821045980532006362078491669020309243492835733080	CP4058730332702065018920216802966040490569409295110941462918315226722708233377	CP507758052550398203781046540561707118096311538618947231112741233509 .00588	CP6074820462003062025800265003131038580526407504098831309516486249003113400709	

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#### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

(PUF111) ( 01 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = LREF = BREF = SCALE =	2348.0000	IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC				BETA = STAB = 10RB = BDFLAP =	.000 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 ~5.000
	MACH . ! 55 . ! 55 . ! 55 . ! 54 . ! 54 . ! 54 . ! 55 . ! 55 . ! 55 . ! 55 . ! 55 . ! 55	24.518	BETA	.00 GF  CP1060390387903-890327804079056160741110017124291618820186242302842732499 .00389	CP2080010590905272050020493105729071320882011431137781736421276251732923735284	CP30868706102052280477504595051880643108085109031309116704206812679232585	CP4054860340802316018640229502860042510587808333107621466918389229662711032964	CP5073640538304192036220403104562058870725209555116351540119048232812746533172 .00540	CP6071030464403360025460271803006040650545807423095581315016621207352491030762	

#### (CA-8) K3V9.1.2TS5H15.6.1F1UTS402

(PJF112) ( 01 JUN 76 )

	REFERENCE DA	ATA					PARAMETR1	C DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SQ.FT. 327.8000 IN. 2348.0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC		BETA = STAB = IORB = BDFLAP =	000. 000.s- 000.8 000.	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000

	RUN NO.	112/ 0	RN/L =	.00 G	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
.154	-2.797	.00000	34.95257	05117	07323	07982	05848	07481	07228
. 155	.192	.00000	35.18020	03675	05953	05950	03266	04944	04327
.154	2.163	.00000	35.14741	03-26	05386	05205	02337	04013	03140
.155	4.228	.00000	35.22827	03083	05117	04665	02121	03747	02641
.154	6.318	.00000	34.98471	03335	05306	04703	02439	03919	02578
.154	8.357	.00000	35.02419	03775	05643	04899	03041	04528	03016
.154	10.410	.00000	35.05589	05406	07269	06347	04200	05555	03854
.154	12.462	.00000	34.96861	07198	08929	07962	06345	07601	05752
. 154	14.456	.00000	35.10292	09847	11551	10676	08724	09799	07546
. 155	16.421	.00000	35.21136	12658	-,14302	13395	11550	12259	10173
.155	18.460	.00000	35.48000	15845	-,17336	1E+36	14710	15244	13009
. 155	20.478	.00000	35.51077	19744	21113	20274	- 18640	19052	16657
. 155	22.490	,00000	35.56715	23782	25093	24 324	22907	23190	20795
.156	24.556	.00000	35.67719	28611	29738	29151	27477	27563	24991
. 156	26.897	.00000	35.77701	32483	33513	32696	33329	33287	30932
	GRADIENT	.00000	.03615	.00285	.00319	.00474	.00542	.00543	.00565

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#### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(PJF113) ( 01 JUN 76 )

P	F	r	F	P	۳	N	c	-	r	ń	۸,	1	\$

PARAMETRIC	DATA

SREF = LREF = BREF = SCALE =	5500.0000 SC 327.8000 IN 2348.0000 IN	V. YMRP	=	9100 IN.XC 0000 IN.YC 7500 IN.ZC				STAB	= .000 = 2.000 = 8.000 = .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	113/ 0	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/ 5.00			
	MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	
	.154	-2.817	.00000	35.09250	056	- 081	3408	521 - 06154	07703	07428	
	. 155	. 184	.00000	35.30440	038	51063	5906	23503131	04639	04001	
	. 155	2.203	.00000	35.28362	032	75055	4005	15902770	04241	03379	
	. 154	4.292	.00000	35.06254	026	32049	14504	40302304	03699	02636	
	. 154	6.344	.00000	35.13144	032	3805	3504	57202749	04062	02796	
	. 155	8.340	.00000	35.20376	037		4705	04103215	04477	03018	
	.154	10.314	.00000	35.15137	052	36073	8106	21204590	05800	04079	
	.155	12.408	.00000	35.28317	073	31098	6508	22406240	07317	05423	
	. 155	14.467	.00000	35.27329	~.096	31115	54 -,10	52808465	09371	07165	
	. 155	16.451	.00000	35.39151	124	54 - 143	3313	30811456	11980	09951	
	.155	18.450	.00000	35.40694	158	33 176	51 - 16	572 - 14523	-,14878	12576	
	. 155	20.506	.00000	35.45996	200	J4216	9420	76518954	19128	16680	
	.155	22.510	.00000	35.50458	241	30256	42 - 24	750 22956	23080	-,20490	
	.156	24.502	.00000	35.66139	283	74 - 297	5428	997 27494	27500	24948	
	.156	26.853	.00000	35.90674	325		1332	95733357	-,33248	30837	
		GRADIENT	.00000	00104	.004	20 .004	52 .00	584 .00532	.00553	.00664	

(CA-8) K3V9.1.2TS5 F10TS402

(PJF114) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500.000	0 SQ.FT. XMRP	= 1339 9100	IN VC
- 251 BUL	JU IN. YMRP	= .0000	
BREF = 2348.000	O IN. ZMRP		
SCALE = OUR		- 130.7300	IN.ZC

BETA IORB BDFLAP	===	.000 8.000 000	RN/L ELEVON	= <sup>1</sup> = 1	1.090 -5.000

	RUN NO. 114/ 0	RN/L =	.00 GRADIENT INT	ERVAL = -5.0	00/ 5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW BETA -2.899 .00000 .200 .00000 2.182 .00000 4.240 .00000 305 .00000 10.304 .00000 12.360 .00000 14.397 .00000 15.424 .00000 18.464 .00000 20.512 .00000 22.487 .00000 24.587 .00000 3RADIENT .00000	Q(PSF) 35.27108 35.26986 35.19013 35.18762 35.14150 35.12704 35.13136 35.13168 35.23666 35.37162 35.49883 35.48530 35.48530 35.39501 35.67258 35.95899 01359	CP1 CP20616308036040370604703580053080312404782035450515804247058260764208970101591152112722139541658617802203892140228724294703291033554 .00423 .00459	CP308776062190527504594047790527806310083091039513331172402033324730290333291200590	CP4058360322702309018770233802909043440571008340110331476818475227382739032919 .00563	CP50773605199042620374504705059820726309736120251562519204233762791533264	CP607463045280256602710031730422305335074931332016754208332533530862 .00692

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#### (CA-8) K2V9.1.2TS5F30G5.3.5TS401

(PJF115) ( 01 JUN 76 1

PARAMETRIC DATA

#### REFERENCE DATA

SREF =	5500.0000	SO.FT.	XMRP	= 1	339.9100	IN.XC
LREF =	327.8000	IN.	YMRP	=	.0000	IN.YC
BREF =	2348.0000	IN.	ZMRP	= ' ' '	190.7500	IN.ZC

.000 RN/L = 3.000 ELEVON = IORB -11.700

BETA =

1.090 .000

SCALE = .0400

RUN NO. 115/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHAW	BETA	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.922	.00000	35.1076806203	08106	08835	06127	07908	07629
.154	.164	.00000	35.0921504234	06156	06471	~.03463	05284	04690
. 155	2.176	.00000	35.1482203678	05317	05336	02496	04299	03508
.155	4.215	.00000	35.3127503266	04871	04721	01881	03674	02550
. 155	6.306	.00000	35.1288203680	05228	04874	02361	04085	02766
. 155	8.311	.00000	35.2312504725	06213	05739	03162	04780	03220
. 155	10.317	.00000	35.2531605917	07328	06639	04451	05926	04210
.155	12.365	.00000	35.2076707354	08646	07941	05983	07411	05560
. 155	14.403	.00000	35.2312610296	11520	10911	08291	09504	07276
. 155	16.429	.00000	35.2102313313	14458	1 3343	11613	12522	10432
. 155	18.503	.00000	35.5130716286	17359	16572	14552	15272	13021
. 155	20.496	.00000	35.2102620001	20939	20311	18226	18757	16382
, 155	22.456	.00000	35.5306124010	24798	24202	22746	23212	20748
. 155	24.539	.00000	35.2565928465	29152	28764	26744	27051	24458
. 156	26.834	.00000	35.9220832498	32958	32316	32993	33130	30833
	GRADIENT	.00000	.02669 .00412	.00460	.00596	.00600	.00599	.00714

#### (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(PJF116) ( 01 JUN 76 )

R	F	F	F	R	F	N	CE	: n	Δ	ГΔ

#### PARAMETRIC DATA

					ARABETRIC DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP =	9100 IN.XC 0000 IN.YC 7500 IN.ZC		BETA = STAB = IORB = BDFLAP =	.000 RN/L 3.000 ELEVTR 3.000 ELEVON -11.700	
	RUN NO. 116/ 0	RN/L = .00 (	GRADIENT INTERVAL = -5	5.00/ 5.00		
MACH - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 156 - 156	ALPHAW BETA .161 .00000 2.223 .00000 4.242 .00000 6.330 .00000 8.337 .00000 10.415 .00000 12.379 .00000 14.442 .00000 16.487 .00000 18.484 .00000 20.485 .00000 22.474 .00000 24.595 .00000 26.803 .00000 GRADIENT .00000	0(PSF) CP1 35.4974803924 35.4484503491 35.1485503143 35.1308703428 35.1472504230 35.1506005852 35.1506510385 35.1585510385 35.2455113182 35.3240515810 35.3554620305 35.3439023896 35.8775028488 35.903283301308528 .00191	CP2	CP4030740202102109022930263205512055120815811012147401836922389265273219800237	CP5	08 80 50 51 14 43 96 55 96 48

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(CA-8) K2V9.1.2TS5H15.6.1F10TS401

(PJF117) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SO.FT. XMI LREF = 327.8000 IN. YMI BREF = 2348.0000 IN. ZMI SCALE = .0400	RP = .0000 IN.Y	<b>′C</b>	ST IC	ETA = .000 TAB = .000 ORB = 3.000 DFLAP = -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
RUN I	NO. 117/ 0 RN/L =	.00 GRADIEN	IT INTERVAL = -5.00/	5.00		
MACH ALPHAW	BETA 0(PSF) .00000 35.20676 .00000 35.21382 .00000 35.15056 .00000 35.17137 .00000 35.17137 .00000 35.19096 .00000 35.19096 .00000 35.13386 .00000 35.34756 .00000 35.35126 .00000 35.35126 .00000 35.35126	505E270 2037910 2037910 5033950 6032710 7040550 7053760 7	17849	CP4 CP5 .0542107235 .0328205070 .0238604249 .0185803633 .0215703630 .0317304821 .0424005802 .0598707337 .0833509560 .1099011929 .1463515364 .1863719248 .2260823105 .2711827450 .3283133037	CP6070140444103346025600251503295040620545307373098211312716850206402492230561 .00638	

#### (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(PJF118) ( 01 JUN 76 )

### REFERENCE DATA

					TAILULE THE BATTA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400		= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC		BETA = STAB = 10RB = BDFLAP =	.000 RN/L = -4.000 ELEVTR = 3.000 ELEVON = -11.700	.000
	RUN NO.	118/ 0 RN/L =	.00 GRADIENT INTERVA	L = -5.00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156	ALPHAW -2.799 .130 2.167 4.271 6.310 8.278 10.315 12.352 14.395 16.408 18.467 20.474 22.511 24.549 26.840 GRADIENT	BETA	062960854903803060040340005331029360489403156050550384205719055070725307159089511438127771434015955173421960720949234232457427973289013266533538	CP3	CP5	

#### DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

#### (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(PUF119) ( 01 JUN 76 )

<b>D</b>	~	_	_	_	•		~	~			~		
	L	г.	ᆫ	ч	c	ľ	ı	Ε	u	А	Τ	м	

9	SREF	= -,	5500.0000	SQ.FT.	XMRP	=	1339.9100	IN.XC					BETA	==	.000	RN/L	±,	1.090
Ł	REF	=	327.8000	IN.	YMRP	= :	.0000	IN.YC					STAB	=	-2.000	ELEVTR	=	.000
Ε	BREF	= .	2348.0000	IN.	ZMRP	= .	190.7500	IN.ZC					IORB	= '	3,000	ELEVON	=	.000
	SCALE	=	.0400					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					BDFLAP	=	-11.700			
								: Pr	7 3	 	 	and the second	 	_				

	RUN NO	. 119/ 0	RN/L =	.00 GRADIENT INTERVAL = -5.00/ 5.00	
MACH	ALPHAW	BETA	Q(PSF)	CP1 CP2 CP3 CP4 CP5 (	CP6
.155	-2.799	.00000	35.20655	0602308260083550555707358 -	.07132
. 154	.160	.00000	35.05895	0355806164063770296704763 -	.04121
.155	2.212	.00000	35.17864	033060540205+310230903893 -	.03020
.155	4.257	.00000	35.15996	03C1605016047990188003640 -	.02497
. 154	6.305	.00000	35.05556	0322805174045680230403963 -	.02629
. 155	8.325	.00000	35,08392	0382605743051370300504696 -	.03067
. 155	10.370	.00000	35.10015	0507006911061670398305461 -	.03677
. 154	12.357	.00000	35.04092	0758209248085260607107388 -	.05545
. 155	14.424	.00000	35.19401	0967611420107300855309786 -	.07596
. 155	16.441	.00000	35.21940	1303414728133551138312272 -	.10116
.155	18.563	.00000	35.36428	1636617874171071510115810 -	.13557
. 155	20.498	.00000	35.35961	1954420889202001822818797 -	.16408
. 155	22.399	.00000	35.36069	2376024906243532266723090 -	.20604
. 156	24.446	.00000	35.73721	2774628891283682672727064 +	.24519
.156	26 . 84 1	.00000	35.82497	3234233191321753327333512 -	.31138
	GRADIENT	.00000	00261	.00426 .00464 .00591 .00520 .00535	.00663

#### (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(PJF120) ( 01 JUN 76 )

PARAMETRIC DATA

H/H	-	-	w	NC	٦,	- 11	Δ	1	Δ

#### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC BETA .000 RN/L = 1,090 LREF = 327.8000 IN. ELEVTR = -23.000 YMRP = .0000 IN.YC STAB -2.000 BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC 3.000 ELEVON = .000 IORB = SCALE = .0400 BDFLAP = -11.700

	RUN NO	. 120/ 0	RN/L =	.00 G	RADIENT INTE	ERVAL = -5.1	00/ 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
. 155	-2.785	.00000	35.10984	06423	08221	08897	05649	07528	07260
. 154	.146	.00000	34.93238	03734	05641	05803	03218	05032	04394
. 155	2.091	.00000	35.18724	03833	05423	05445	02240	04147	03231
. 155	4.206	.00000	35.27518	03206	04741	04511	01886	03710	02568
.155	6.205	.00000	35.25126	03412	04928	04522	02251	03975	02617
.155	8.276	.00000	35.26864	03952	05381	04743	03154	04882	03350
. 155	10.325	.00000	35.32738	05687	07011	06330	04457	06058	04257
.155	12.449	.00000	35.30918	07728	08910	08185	06702	08056	06286
. 155	14.337	.00000	35.25928	09928	11119	10430	08665	09981	07849
. 155	16.405	.00000	35.28102	13045	14195	13535	11536	12556	10482
. 155	18.435	.00000	35.22928	16764	17742	17120	15098	15942	13670
. 155	20.438	.00000	35.37708	20421	21170	20712	18552	19347	16930
. 155	22.562	.00000	35.39906	24261	24850	24456	22613	23239	20754
. 155	24.483	.00000	35.46277	27682	28287	27824	26883	27394	24940
. 156	26.903	.00000	35.64641	33076	33386	32823	33023	33340	30899
	GRADIENT	.00000	.02912	.00437	.00482	.00608	.00548	.00552	.00579

(CA-8) K2V9.1.2TS6H15.6.1F10TS401

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(PJF121) ( 01 JUN 76 )

PARAMETRIC DATA

							BETA =	.000	RN/L =	1.090
SREF	= 5500.0000	SQ.FT. XI	MRP =	1339.9100	IN.XC		STAB =	-2.000	ELEVTR =	17.000
LREF	= 327.8000	IN. Y	MRP =		IN.YC		10RB =	3.000	ELEVON =	.000
	= 2348.0000	IN. ZI	MRP =	190.7500	IN.ZC				LLLION	
SCAL						Language Control of the	BDFLAP =	-11.700		

	RUN NO	. 121/0	RN/L =	.00 G	RADIENT INTE	RVAL = -5.0	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156	ALPHAW -2.912 .221 2.225 4.295 6.219 8.396 10.391 12.380 14.425 16.485 18.549 20.504 22.522	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.23922 35.21430 35.21043 35.26704 35.31032 35.11816 35.15959 35.32758 34.85985 35.21478 35.43233 35.74330 35.93072 35.85747	CP1061210423035080312003352046030577208029103711375816851209632392920396	CP2079770610505144047660497505965070570924911506148241781217252466028835	CP3085450617605008043500438305318063110840510739143501700521073233492827932163	CP40554903327021010195602380030470413206226118861188615318189432288927167	CP50741205193039740391104121047370576707629100451286116139196672348327669	CP607149044410306502792031740394605768077991068013850171532104225099
.156	26.791 GRADIENT	.00000 00000	35.89301 .00264	32566 .00423	32836 .00458	.00593	.00522	.00522	.00642

SCALE =

PAGE 454

(CA-B) K2V9.1.2TS6 F0TS401

35.95502

36.70897

-.02889

.00000

.00000

.00000

(PJF122) ( 01 JUN 76 )

-.23181

-.28263

.00721

REF	FF	FN	CE	DΔT	Δ

.0400

.157

.158

24.492

26,724

GRADIENT

PARAMETRIC DATA

.000 3.000 SREF = RN/L = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XCBETA LREF = 8 ELEVON = 327.8000 IN. YMRP = .0000 IN.YC .000 LORB = BDFLAP = -11.7002348.0000 IN. ZMRP = 190.7500 IN.ZC

> RUN NO. 122/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 CP5 CP6 MACH ALPHAW BE TA Q(PSF) CPI CP2 CP3 CP4 . 155 -2.951 .00000 35.41381 -.06352 -.08356 -.08352 -.06067 -.08007 -.07770 . 229 .00000 -.03838 -.05715 -.05099 .155 35.14612 -.04253 -.06211 -.06445 . 155 .00000 35.23155 -.03908 -.05574 -.05354 -.02302 -.04210 -.03384 2.263 -.03660 -.05264 -.02037 -.03861 -.02824 . 155 4.161 .00000 35.18360 -.05121 -.05347 . 155 -.03721 - . 04 386 -.02427 -.04304 -.03001 6,232 .00000 35.00924 -.03196 -.04937 -.03424 . 155 8.250 .00000 35.31279 -.04261 -.05785 -.05123 .155 10.200 .00000 -.05613 -.06934 -.06197 -.04098 -.05809 -.04100 35.10627 -.07899 -.06427 -.07874 -.06142 .155 -.09647 -.08289 12.381 .00000 35.18370 -.08040 -.09443 -.07244 . 155 14.387 .00000 35.42784 -.09778 -.19886 -.10128 -.12507 -.10667 -.11751 -.09652 .156 16.393 .00000 35.48706 - 13483 -.12352 -.12385 .156 18.357 .00000 35.54621 -.15599 - .16501 -.15320 -.13667 -.14624 .156 20.385 .00000 35.82140 -.18621 -.19268 -.18531 -.16786 -.17795 -.15490 -.20476 -.18735 .157 22.418 .00000 36.10103 -.22591 -.23106 -.22754 -.21126

-.26063

-.30672

.00440

-.25511

-.30169

.00547

-.24916

-.30146

.00595

-.25476

-.30512

.00608

-.25724

-.30491

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## (CA-8) K2V9.1.2TS6H15.6.1F0TS401

(PJF123) ( 01 JUN 76 )

RFF	-	3F1	NCE	D 4	т.
		16-1	YUE.		II A

SREF = 5500.0000 SQ.FT. XMRP				PARAMETRIC DATA	
LREF = 327.8000 IN. YMRP = BREF = 2348.0000 IN. ZMRP = CALE = .0400	= 1339.9100 IN = .0000 IN = 190.7500 IN	N.YC	BETA = STAB = IORB = BDFLAP =		= 1.090 /TR = .000 /ON = .000

	RUN NO.	123/ 0	RN/L =	.00	GRADIENT INTER	VAL = -5.0	00/ 5.00		
MACH .155 .155 .155 .154 .155 .155 .155 .156 .156 .157 .157	-2.774 .231 2.158 4.339 6.157 8.267 10.268 12.295 14.270 16.211 18.301 20.359 22.434 24.311 26.489	00000	0(PSF) 35.08788 35.08788 35.08280 34.90437 35.32663 35.18554 35.18554 35.19568 35.50110 35.32880 35.55466 35.95753 36.02101 36.42434 36.21316	CP106294039850375403523058780741009643123161518319054223772567730114	05120 06200 07280	CP3 - 08925 - 06189 - 05495 - 04832 - 04704 - 05648 - 05569 - 07927 - 16144 - 16789 - 15487 - 19278 - 25512 - 25705 - 29901 - 00573	CP405923036710246002076022650332404128058460779210636135511695729573241872963200558	CP50787305591043770409605081058400745009345116991447517808213262478730058	CP607563049140346702768027680409205615071130950812204153561886022290

## (CA-8) K2V9.1.2TS6H15.6.1F0TS401

(PJF124) ( 01 JUN 76 )

PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC			
LREF = 327.8000 IN. YMRP		BETA =	.000 RN/L =	1.090
		STAB =	-2.000 ELEVTR =	.000
	= 190.7500 1N.ZC	IORB =	3.000 ELEVON =	.000
SCALE = .0400		BOFLAP =	-11.700	

	RUN NO.	1247 0	RN/L =	.00 GRAD	DIENT INTE	RVAL = -5.0	00/ 5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.843 .194 2.161 4.279 6.239 8.257 10.261 12.266 14.425 16.340 18.356 20.400	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.12976 35.13048 35.15055 35.21350 35.21350 35.21350 35.22451 35.22451 35.22451 35.37234 35.37234 35.57234 35.65277 36.06354	CP1 06997 04854 03993 03884 03705 04651 05931 07812	CP20873906536054540527405006070700882811243134201624519733	CP30961108959056460530505555065810635610818150121538812353	CP4065270338602359021340228203082042390553207933102371320016882	CP50870605579045150425105083061230725409637115231433617945	CP6082990483503626030470290803497053140729809409120281549919021
.157			36,19205	- 25705	25926	25634	24561	- 25320	22948
.158			36.59107	30379	30431	30107	29824	30493	28149
UI	RADIENT .	00000	.00172	.00451	.00504	.00623	.00630	.00642	.00747

#### (CA-8) K2V9.1.2TS6H15.6.1F0TS401

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(PJF125) ( 01 JUN 76 )

PARAMETRIC DATA

											61111	1 000
CDEE	= 5500.0000	SO ET YMDD	= 1330	.9100 IN.XC				BETA	=	.000	RN/L =	1.090
						A 10 10 10 10 10 10 10 10 10 10 10 10 10		CT.10			CLEVID -	.000
DCC	= 327.8000	IN YMPP	=	.0000 IN.YC				STAB	=	.000	ELEVTR =	.000
								1000		7 000	CLEVON -	.000
DDFF	= 2348.0000	IN. ZMRP	= 190	.7500 IN.ZC				IORB	=	3.000	ELEVON =	.000
CIXLI		F1 11 34	.50	. , 500				000 10		11 700		
SCALE								BULLAP	· =	-11.700		
SCALE			.50	.,50020				BDFLAP	1= 1	-11.700		

	RUN NO	). 125/ 0	RN/L =	.00 G	RADIENI INIE	RVAL = -0.	007 5.00		
MACH	ALPHAW	BETA	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6
. 155	-2.881	.00000	35.08947	07!62	08729	09779	06515	08709	08387
. 155	. 198	.00000	35.11362	04667	06311	06854	03798	06031	05394
. 155	2.170	.00000	35,10945	04036	05302	05614	02343	04545	03629
.155	4.176	.00000	35.12798	04027	- 05253	05448	02067	04248	03032
. 155	6.304	.00000	35,18537	03919	05104	05105	02196	04317	02965
. 155	8.233	.00000	35.21262	- 04577	05739	05480	02873	04946	03346
. 155	10.243	.00000	35.08535	05947	05985	06683	03830	05813	04039
.155	12.391	.00000	35.39437	07920	08799	08374	05921	07669	05859
.155	14.873	.00000	35.27577	10678	11425	11063	08568	10252	07936
. 156	16.474	.00000	35.66750	12688	13451	13135	10780	12130	10037
.156	18.413	.00000	35.69930	15714	16333	- 1E040	13599	14878	12588
.157	20.420	.00000	35.94653	19390	19802	15610	16833	17981	15536
. 157	22.374	.00000	36.09948	22943	- 23311	23217	20459	21377	18934
.157	24.475	.00000	36.27272	26314	26443	26455	24414	25247	22761
. 157	26.646	.00000	36.32425	30496	30582	30386	29625	30319	27875
	GRADIENT	.00000	.00491	.00455	.00512	.00636	.00655	.00658	.00784

#### (CA-8) K3V9.1.2TS6H15.6.1F0TS401

(PJF126) ( 01 JUN 76 )

PARAMETRIC DATA

SRFF	=	5500 0000	SO FT XMRP	=	1339.9100 IN.XC			BETA	=	.000	RN/L =	1.090
LREF								STAB	-	-4.000	ELEVTR =	.000
BREF	=	2348.0000	IN. ZMRP	堆	190.7500 IN.ZC			IORB	=	6.000	ELEVON =	.000
SCALE	=	.0400					and the second of the	BDFLAF	j <u>=</u> '	-11.700		
2000		.0.00						20. 27.				

		RUN NO.	1267 0 RN/I	_ = .00	GRADIENT IN	TERVAL = -5.	00/ 5.00			
	MACH	ALPHAW 1	BETA Q(P	SF) CP1	CP2	CP3	СРЧ	CP5	CP6	
	.155	-2.830	.00000 35.03	3490678	08608	09158	05891	07778	07519	
	. 155	.089	.00000 35.03	0416	06238	06250	03951	05814	05169	
	.155	2.215	.00000 35.02	358 <b>0</b> 404	305687	05551	02629	04480	03676	
	. 154		.00000 34.95	969039 <sup>4</sup>	605588	05268	02252	04079	02950	
	.154	6.207	.00000 34.93	1690368	05271	04703	02622	04300	03007	
	. 155	8.251	.00000 35.01	5460479	06267	05476	03477	05189	03638	
	.155	10.211	.00000 35.03	3920596	07298	06468	04410	06016	04248	
	. 155	12.220	.00000 35.06	5520761	308787	07900	06210	07679	05854	
. :	. 155	14.312	.00000 35.19	5081000	11112	10324	08252	09667	07453	
	.156	16.382	.00000 35.55	1297	74 14043	13309	10868	11880	09734	
	.156	18.452	.00000 35.78	5231608	3816987	16213	13984	14878	12505	
	.156	20.369	.00000 35.83	590 - 1926	20005	19346	17206	18024	15598	
	. 157	22.337	.00000 35.94	3602284	23422	22828	20828	21504	19052	
	157	24.356	.00000 35.99	272 -,2668	3027023	26605	24494	25133	22491	
	.157	26.722	.00000 36.16	293 - 3109	31308	30683	30435	30895	28424	
		GRADIENT	.0000000	911 .0038	37 .00434	.00556	.00538	.00546	.00666	

CA-8 - FORCE SOURCE DATA TABULATION

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#### (CA-8) K3V9.1.2TS6H15.6.1F0TS401

(PJF127) ( 01 JUN 76 )

	REFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SQ 327.8000 IN 2348.0000 IN	. YMRP		9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = 10RB = BDFLAP =	.000 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO.	127/ 0	RN/L =	.00 6	RADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH . 154 . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156 . 156	ALPHAW -2.836 .130 2.171 4.176 6.267 8.238 10.263 12.399 14.350 16.434 18.398 20.350 22.459 24.462 26.738 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 34.95780 35.02249 35.05249 35.05840 35.28864 35.29116 35.2253 35.25039 35.32842 35.51066 35.69122 35.61905 35.78047 36.31187	CP107383047790451604:5604498062810818310398128801578719116230142649131150	CP2089760649405900055200553905677073400921111359136341649619620233832674631243 .00492	CP3097790674205937053590519705243067700852810669110661588415056210052644130776 .00629	CP4066180383902518022830231702997043720614006414107741358117128206932458530282 .00638	CP5086910593204616042820427104872062120776609989119351470718025214932522730814 .00646	CP608417052340367103131029110330804455059200773809831124291569818975267628367	

## (CA-8) K3V9.1.2TS6H15.6.1F0TS401

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(PJF128) ( 01 JUN 76 )

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC		PARAMETRIC DATA	
LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400	BETA = STAB = IORB =	.000 RN/L .000 ELEVTR 6.000 ELEVON	
RUN NO. 128/ 0 RN/L = .00 GRADIENT INTERVAL = -E	BDFLAP = 5.00/ 5.00	-11.700	

			100 E =	OU GRADIENT IN	TERVAL = -5	.00/ 5.00		
MACH - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 156 - 156 - 156 - 156 - 157 - 157	ALPHAW -2.841 .126 2.143 4.286 6.327 8.248 10.321 12.365 13.326 14.303 16.391 18.428 20.369 22.406 24.516 26.759 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.21113 35.23667 35.29221 35.16775 35.24564 35.26908 35.13302 35.15730 35.15730 35.59149 35.79018 35.75257 35.78124 36.09855 36.08803 00245	CP1	CP3 09758 07099 05458 05310 05111	CP406391035710249701699025050325004210059380658407901104521382816876204922477230574	CP508645057520462503840045400519206044076650821509570117001492917818213942552631090	CP608297051930376102700031710361404277057460633807405096401274315433189212301328786 .00788

(CA-8) K3V9.1.2TS6

FOTS401

PAGE +61

(PJF129) ( 01 JUN 75 )

#### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.800C IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

.000 RN/L = 1.090 BETA ELEVON = .000 6.000 IORB = BDFLAP = -11.700

	RUN NO.	129/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.923 .147 2.132 4.192 6.324 8.269 10.434 12.331 14.292 16.331 18.352 20.451 22.340 24.355 26.726 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.14900 35.06550 35.11163 35.25559 35.29582 35.29637 35.28726 35.45068 35.53019 35.70566 35.78784 35.83248 35.96845 35.96845	CP1064500457703760037040415704631058220796712328155331888422282649930899	CP208435065520557705372057750615507206091981115213465164431971822960270403125450446	CP308994086550538!05085051790541206354063540637163716671189702650230548 .00570	CP4063620353402661023270236703336046960622007945103381366317189240522477630509	CP5082290543604514041270412205064062970771009376112921448717897213152528630875 .00585	CP6079110471703629029470273303479058130712309168121715480189182272828435

SCALE = .0400

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(CA-8) K3V9.1.2TS6

-01000

.01000

.00000

35.95381

36.07511

.02145

FOTS402

-.26847

-.30653

.00576

-.71776

-.77009

.00637

(PJF130) ( 01 JUN 76 )

-.22691

-.28304

.00737

#### REFERENCE DATA

.157

.157

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC

24.447

26.717

GRADIENT

BETA = .000 RN/L = ELEVON =

-.25305

-.30594

.00612

PARAMETRIC DATA

ICRB = 6.000

BDFLAP = .000 1.090 .000

	RUN	NO. 130/ 0	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/ 5.00		
MACH	ALPHAN	BETA	Q(PSF)	CP1	CP2	CP3	СРЧ	CP5	CP6
. 154	-2.960	.00000	34.93757	0676	9086	610925	554545	08137	07845
. 155	.125	.00000	35.03854	0451	6064	67 - 0652	151778	05410	04697
. 155	2.146	.00000	35.06854	0434	0059	540583	950365	04133	03185
. 155	4.205	.00000	35.09100	0373	8053	990509	50149	03897	02705
. 155	6.325	.00000	35.10489	0387	0054	190487	150242	03903	02445
.155	8.239	.00000	35.10264	0498	2064	760581	051157	04756	03080
. 155	10.257	.00000	35.16405	0582	5071	500632	652246	05829	04039
. 155	12.437	.00000	35.15664	0771	4089	890803	354127	07487	05566
. 155	14.248	.00000	35.23708	0965	3 - 108	670397	855887	09299	07069
. 155	16.388	.01000	35.40257	1262		041 ?97	758128	11335	09145
.156	18.418	.01000	35.90124	1550		091562	7 60408	- 14244	11891
.157	20.444	.01000	35.91287	1897				17825	15505
.157	22.422	.01000	35.90828	2264	4232	22 - 2266	967430	21026	18465

- .27344

- 31296

.00451

-.26848

-.31023

.00410

(CA-8) K3V9.1.2TS6H15.6.1F0TS402

(PJF131) ( 01 JUN 76 )

PAGE 463

К	Ļ,	۲	Ŀ	к	Ŀ,	NU	Ŀ,	U	ρ	١I	А	

SREF =	5500.0000	SQ.FT.	XMRP	= 1	339.9100	IN.XC
REF =	327.8000	IN.	YMRP	=	.0000	IN.YC
REF =	2348.0000	IN.	ZMRP	=	190.7500	IN.ZC
CALE =	חבות					

PARAMETRIC DAT	Α
----------------	---

BETA =	.000	RN/L	=	1.090
STAB =	-4.000	ELEVTR	=	.000
ICRB =	6.000	ELEVON	=	.000
BDFLAP =	.000			

	RUN NO.	131/ 0	RN/L =	.00 GI	RADIENT INTE	RVAL = -5.	00/ 5.00		
MACH	ALPHAW	BETA	O(PSF)	CPI	CP2	CP3	СРЧ	CP5	СРБ
. 155	-2.852	.00000	35.43724	06468	08349	08938	06197	08078	07757
. 155	.225	.00000	35.14443	04316	06372	06313	03634	05522	04849
.155	2.160	.00000	35.03498	03864	05594	05433	02583	04448	03597
.155	4.284	.00000	35.11201	03704	05417	05017	02139	03980	02790
.155	6.385	.00000	35.12982	03876	05437	04836	02250	03985	02608
. 155	8.172	.00000	35.21428	04600	06082	05349	03305	05001	03447
. 155	10.323	.00000	35.23148	05981	07315	06436	04348	05971	04157
. 155	12.163	.00000	35.25736	07585	08642	07977	05866	0734B	05403
. 155	14.391	.00000	35.36139	09528	10731	03771	08154	09556	07381
. 155	16.343	.00000	35.43551	12288	13371	1.2527	10644	11570	09471
.156	18,441	.00000	35.60433	15745	16723	15848	14!15	14913	12613
.156	20.490	.00000	35.62269	18397	- 19730	18840	17596	18305	15944
.156	22.459	.00000	35.80883	22935	23541	22924	21029	21581	19092
.157	24.484	.00000	35.94579	26721	27219	26725	24908	25327	22681
. 157	26.740	.00000	36.23182	31426	31823	31157	30636	30895	28340
	GRADIENT	.00000	04914	.00390	.00422	.00558	.00581	.00586	.00705

### (CA-8) K3V9.1.2TS6H15.6.1F0TS402

(PJF132) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SRE	F -	EEOO OOOO	CO ET							PARAMETRIC	DATA	
L REI	F =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	e 🖩 💖 📜 e i	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = 10RB = BDFLAP =	.000 .000 6.000	RN/L = ELEVTR = ELEVON =	000. 000.
			RUN NO.	132/ 0	RN/L =	.00 GI	RADIENT INTE	RVAL = -5	.00/ 5.00			
		MACH .154 .155 .155 .155 .155 .155 .155 .156 .156	ALPHAW -2.837 .236 2.160 4.185 6.239 8.233 10.438 12.356 14.548 16.387 18.423 20.479 22.435 24.419 26.712 GRAD JENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 34.83769 34.87543 35.06965 35.07466 35.10980 35.10316 35.18612 35.31018 35.44974 35.58443 35.58443 35.58210 35.60244 36.39449 .03837	CP1072300457304063041460473006152074641044112994153641922826312638631312	CP2089690636905587049890551006086073960861411527140481625919952232312675731585	CP30'36040'55160'54900'47120'50640'54660'56080'77861329815551132452'26392'522531113	CP4066980352402714021210245903212044260604408399106411352017457207582470829919 .00654	CP50872405533046600400804244049650614207496098341161214426182352526730231	CP6083890487503774028320287603418042870571007586094361215515809128852270227670 .00793	

### (CA-8) K2.1157H15.6.1F30T5401G5.3.5

#### (PJF133) ( 01 JUN 76 )

#### REFERENCE DATA

SKEF =	5500.0000	SQ.FT.	XMRP	= 1	339.9100	IN VC						
LREF =	327.8000		YMRP						ALPHAW =	4.192	RN/L =	1.090
BREF =						IN.YC			STAB =	-2.000	ELEVIR =	
SCALE =	.0400		ZMRP	= ' '	190.7500	IN.ZC			IORB =	3.000		.000
JONEL -	10400								BDFLAP =		ELEVON =	.000
									BUFLAP =	-11.700		

				20. 2.0	11.700	
문화 발표하다 ( ) 보고 하는 것 같다. 원호 ( ) 보고 하는 것 같아 ( )	RUN NO. 133/ 0	RN/L = .00 (	GRADIENT INTERVAL	= -5.00/ 5.00		
MACH GP .155 11.332 .155 13.925 .155 22.952 .155 39.042 .155 53.928 GRADIENT	ALPHAW 0(PSF 4.19186 35.1882 4.15325 35.0684 4.13500 35.2104 4.09565 34.8948 4.13777 35.2489 00000 .0000	2 .03152 .0 7 .02142 .0 3 .005720 8014740 5027730	P2 CP3 01883 .02469 00864 .01311 0063100303 0267102418 0396603825 00000 .00000	0050803 0048603 0050203 0130103	351602193 284001529 286001550 293901557	BETA .00000 .00000 .00000 .00000

```
CA-8 - FORCE SOURCE DATA TABULATION
DATE 06 JUL 76
                                                                                             (PJF134) ( 01 JUN 76 )
                                 (CA-8) K2.11S7H15.6.1F30T5401G5.3.5
                                                                                            PARAMETRIC DATA
             REFERENCE DATA
                                                                                                                   1.090
                                                                                                       RN/L =
                                                                                   ALPHAW =
                                                                                               6.216
SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC
                                                                                                                   .000
                                                                                               -2.000
                                                                                                       FLEVTR =
                                                                                   STAB =
LREF = 327.8000 IN. YMRP =
                                   .0000 IN.YC
                                                                                                                    .000
                                                                                                       ELEVON =
                                                                                               3.000
                                                                                   IORB =
                          ZMRP = 190.7500 IN.ZC
BRFF = 2348.0000 IN.
                                                                                   BDFLAP =
                                                                                             -11.700
SCALE =
         .0400
                        RUN NO. 134/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00
                                                                                                  CP6
                                                                                                              BETA
                                                                    CP3
                                                                              CP4
                                                                                         CP5
                                                          CP2
                                               CP1
                          ALPHAW
                                     Q(PSF)
      MACH
                                                                                                  -.01987
                                                                                                              .00000
                                                                              -.01352
                                                                                        -.03146
                                                                    .02146
                                                          .01532
                                   35.01813
                                               .02597
        .155
                11.341
                         6.21624
                                                                                                              .00000
                                                                                        -.02881
                                                                                                   -.01743
                                                                              -.01078
                                                                    .01878
                                               .02363
                                                          .01162
                          6.19338
                                   35.05590
        .155
                13.367
                                                                                                   -.02028
                                                                                                              .00000
                                                                              -.01414
                                                                                        -.03224
                                                                    .00224
                                   35.41465
                                               .00780
                                                         -.00389
                22.443
                         6.18165
       . 156
                                                                                                              .00000
                                                                                                   -.01051
                                                                                        -.02453
                                                                              -.00574
                                               -.02191
                                                         -.03377
                                                                   -.02990
                                   35.12793
                38.382
                          6.16774
        .155
                                                                                                              .00000
                                                                                                   -.02142
                                                                              -.01640
                                                                                        -.03494
                                                         -.04213
                                                                   -.03785
                                              -.02932
                          6.14574
                                   35.29788
                54.042
        .156
                                                                                                    .00000
                                                                                                              .00000
                                                                    .00000
                                                                               .00000
                                                                                         .00000
                                                          .00000
                                    .00000
                                               .00000
              GRADIENT
                         .00000
                                                                                                 (PJF135) ( 01 JUN 76 )
                                    (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5
                                                                                             PARAMETRIC DATA
             REFERENCE DATA
                                                                                                                    1.090
                                                                                                       RN/L =
                                                                                    ALPHAW =
                                                                                                8.254
SREF = 5500.0000 SQ.FT. XMRP =
                                   1339.9100 IN.XC
                                                                                               -2.000
                                                                                                       ELEVTR =
                                                                                                                    .000
                                                                                    STAB =
                          YMRP =
                                    .0000 IN.YC
LREF = 327.8000 IN.
                                                                                                                     .000
                                                                                                       ELEVON =
                                                                                    IORB =
                                                                                                3.000
                                   190.7500 IN.ZC
BREF = 2348.0000 \text{ IN}.
                          ZMRP =
                                                                                    BDFLAP =
                                                                                              -11.700
         .0400
SCALE =
                                                         GRADIENT INTERVAL = -5.00/ 5.00
                     RUN NO. 135/ 0 RN/L = .00
                                                                                                   CP6
                                                                                                              BETA
                                                                               CP4
                                                                    CP3
                                     Q(PSF)
                                               CPI
                                                          CP2
                           ALPHAW
       MACH
                                                                                                              .00000
                                                                                                   -.02333
                                                                                         -.03473
                                                                              -.01989
                                               .02353
                                                          .01201
                                                                    .02223
                                   35.11375
                11.339
                         8.25361
        . 155
                                                                                                              .00000
                                                                                                   -.02452
                                                                    .01484
                                                                              -.02011
                                                                                         -.03601
                                                          .00539
                          8.22244
                                   35.10108
                                               .01684
```

-.01729

-.04335

-.04964

-.06171

.00000

-.00604

-.03108

-.03759

-.04850

.00000

35.10705

35.19736

35.04849

35,32599

.00000

. 155

. 155

. 155

. 155

. 156

14.405

22.849

38.435

54.004

75.215

GRADIENT

8.22957

8.22687

8.21721

8.23160

.00000

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-.01668

-.01652

-.02688

-.03465

.00000

-.03076

-.03257

-.04254

-.05000

.00000

-.01486

-.01528

-.02600

-.03357

.00000

-.01001

-.03733

-.04384

-.05593

.00000

.00000

.00000

.00000

-00000

### (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(PJF136) ( D1 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMFF = 1339.9100 IN.XC LREF = 327.8000 IN. BREF = 2348.0000 IN. ALPHAW = .219 YMRP = .0000 IN.YC RN/L = 1.090 STAB = -2.000 ELEVIR = ZMRP = 190.7500 IN.ZC .000 SCALE = IORB = -0400 3.000 ELEVON = .000 BDFLAP = -11.700

		RUN NO.	136/ 0 RN/L	= .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH - 155 - 155 - 156 - 156 - 155	GP 11.279 16.532 25.694 31.247 33.690 GRADIENT	ALPHAW .21949 .16830 .12853 .09381 .06550 .00000	35.18865 35.36162 35.44832	CPI .03167 .02775 .00893 00253 00690 .00000	CP2 .01310 .00679 00955 02002 02417 .00000	CP3 .01671 .01089 00786 01905 02376 .00000	CP4 01236 01303 01166 00580 00436 .00000	CP5 03753 03789 03676 03198 03011 .00000	CP6 02605 02686 02660 02198 02033 .00000	BETA .00000 .00000 .00000 .00000 .00000

#### (CA-8) K2.1157H15.6.1F30T5401G5.3.5

(PJF137) ( 01 JUN 76 )

			PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC 327.8000 IN. YMRP = .0000 IN.YC 2348.0000 IN. ZMRP = 190.7500 IN.ZC .0400	ALPHAW = STAB = IORB = BOELAP =		RN/L = ELEVTR = ELEVON =	1.090

	RUN NO.	137/ 0 RN/	L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP .155 11.311 .155 14.787 .155 24.422 .154 41.746 .156 44.194 GRADIENT	7 2.20268 2.17489 2.10165 2.08643	0(PSF) 35.03233 35.01982 35.14212 34.77789 35.61974 .00000	.04053 .03388 .01316 -	CP2 .02452 .01880 .00147 .02304 .02227	CP3 .02839 .02182 .00036 02157 02102 .00000	CP4 00576 00461 00007 .00097 .00226	CP50291102745024180239102251	CP60179501633013250124701125	BETA .00000 .00000 .00000 .00000

DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULATION	PAGE 467
	(CA-8) K2.1T57H15.6.TF30T5401G5.3.5	(PJF138) ( 01 JUN 76 )
REFERENCE (	병사 전에 가입니다. DATA 대체 기업인 데, 사람들이 하고 있는 데 지원 사람들이 하는데 사람들이 사람들이 가입니다.	PARAMETRIC DATA
SREF = 5500.0000 SO.FT LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = 10.169 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 138/ 0 RN/L = .00 GRADIENT INTERVAL	= -5.00/ 5.00
MACH GP .155 11.327 .155 18.824 .155 36.553 .156 50.642 .155 82.508 GRADIENT	ALPHAW         O(PSF)         CP1         CP2         CP3           10.16876         35.01081         .01394         .00451         .01275           10.15363         35.23408        00248        01206        00527           10.17071         34.96656        03247        04305        03845           10.18495         35.45073        03957        05112        04590           10.13060         35.18889        05874        07035        06532           .00000         .00000         .00000         .00000         .00000	CP4         CP5         CP6         BETA          00646        02783        01296         .00000          00873        03026        01386         .00000          01257        03413        01547         .00000          02358        04475        02736         .00000          04024        06098        04325         .00000           .00000         .00000         .00000         .00000
	(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5	(PJF139) ( 01 JUN 76 )
REFERENCE		PARAMETRIC DATA
SREF = 5500.0000 SO.FT LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	. XMRP = 1339.9100 1N.XC YMRP = .0000 1N.YC ZMRP = 190.7500 1N.ZC	ALPHAW = 12.226 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 139/ 0 RN/L = .00 GRADIENT INTERVAL	= -5.00/ 5.00
MACH GP .155 20.589 .155 37.097 .155 52.139 .155 94.658 GRADIENT	ALPHAW         O(PSF)         CP1         CP2         CP3           12.25593         35.07877        02177        03043        02274           12.22527         35.19298        04896        05895        05295           12.24860         35.14890        06444        07480        06937           12.29966         35.17632        08187        09329        08693           .00000         .00000         .00000         .00000         .00000	CP4         CP5         CP6         BETA          02240        04085        02369         .00000          02801        04715        02686         .00000          04416        06316        04380         .00000          06479        08359        06429         .00000           .00000         .00000         .00000         .00000

## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(PJF140) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

DREF = 5500.0000 SQ.FT. XMRP = 1770 0100 th to	
LREF = 327 BOOD IN 1335, 3100 IN XC	
HREE # 2300 0000 to 11.033 MAYE =	1.090
SCALE	.000
# 1 3.000 + ELFVON = 1 - 0 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	.000
- Weeker Mild Manager Table 1997 - The Company of the Company o	. 000
RUN NO. 1407 0 PN/1 - 00	

MACI	H GP		1407 0	MM/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
. i !	55 35.85 55 51.00 56 93.98 GRADIEN	3 14.29936 0 14.35781	35.14970 35.09773 35.30638	007372 08634 11295	CP2 08379 09718 12500 .00000	CP3 07846 09130 11888 .00000	CP4 05533 06995 09087 .00000	CP5 - 07106 - 08550 - 10720 - 00000	CP6 05106 06555 08665 .00000	BETA .00000 .00000 .00000

### (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

#### (PJF141) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500,0000 SQ.FT. XMRI LREF = 327.8000 IN. YMRI		1339.9100	
BREF = 2348.0000 IN. ZMRI SCALE = .0400	⊃ <u>=</u>	190.7500	

#### ALPHAW = 16.297 RN/L = 1.090

#### STAB = -2.000 ELEVIR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700

PARAMETRIC DATA

# RUN NO. 141/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 48.6 .155 92.4 .GRADIE	72 16.37441	0(PSF) 34.95303 35.21064 .00000	CP1 11131 14303 .00000	:54:21	3 CP4 147710219 489012149 0000 .00000	CP5 11498 13475 .00000	CP6 09505 !1298	BETA .00000 .00000
					00000	00000	.00000	.00000

DATE	DE.	11.00	76

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## CA-B - FORCE SOURCE DATA TABULATION

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CA-RI	K2	1 TS7H1F	5 6	LF30T5401G5	マニ

( 01 JUN 76 )

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к	t.	-	Ł	n	_	N	€.	۲	٠C	JΑ	. 1.	А	

## PARAMETRIC DATA

SREF LREF BREF SCALE	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP = YNRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			STA LOF	B = 3	.177 RN/L 1.000 ELEV 3.000 ELEV	TR = .0	90 00 00
			RUN NO.	1427 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH .155 .155 .155 .155	GP 11.278 19.079 24.798 30.687 33.036 GRADIENT	ALPHAW .17651 .11625 .08745 .04681 .02045 .00000	0(PSF) 34.90778 35.19737 35.23482 35.18934 35.17625 .00000	CPI .03144 .01534 .00773 00327 00884 .00000	CP2 .01223 00037 00815 01934 02438 .00000	CP3 .0!583 .00045 00877 02080 02629 .00000	CP4 01489 01712 01757 00962 00644 .00000	CP5 04139 03850 03924 03716 03484 .00000	CP6 02919 02803 02833 02720 02414 .00000	BETA .00000 .00000 .00000 .00000 .00000	
				(CA-8)	K2.1TS7H15.6.	1F30TS401G5	.3.5			(PJF143)	( 01 JUN 76	3
		DESERBELIAE D					DADAMETRIC DATA					

23.513

40.843

43.274

**GRADIENT** 

2.10290

2.02323

2.14910

.00000

35.05560

35.20977

35.33516

.00000

.155

, 155

.156

#### PARAMETRIC DATA

-.01419

-.01584

-.01494

.00000

.00000

.00000

.00000

.00000

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BRSF = 2348.0000 IN.	. XMRP = 1339.9100   YMRP = .0000   ZMRP = 190.7500	N.YC	ST	PHAW = 2.16 AB = -4.00 DRB = 3.00	0 ELEVTR = .00 0 ELEVON = .00	00
SCALE = ,0400	RUN NO. 1437 0 RN7	131CARD 00. = J	BC IT INTERVAL = -5.00/	DFLAP = -11.70 5.00		
MACH GP .155 11.310 .155 14.060	ALPHAW 0(PSF) 2.16362 35.06516 2.13166 35.04297	CP1 CP2 .03626 .02310 .02466 .01211	CP3 CP4 .0249900440 .01316 .00473	03066 -	CP6 BETA .01939 .00000 .01015 .00000	

.00018

-.02528

-.02207

.00000

.00155

58000.

.00123

.00000

-.02548

-.02725

-.02635

.00000

.00021

-.02697

-.02369

.00000

.01308

-.01388

-.00987

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## (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(PJF144) ( 01 JUN 76 )

## REFERENCE DATA

22.230

37,920 64,060 GRADIENT

.155

.156

. 156

6.13302

6.11525

6.24702

.00000

35,19148

35.35881

35.38103

.00000

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.00000

#### PARAMETRIC DATA

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-.00647

-.01502

00000.

.00000

.00000

.00242

.00263

.00552

.00000

-.02333 -.02262 -.02266 -.02074 -.03087

.00000

SREF	- EE00 0000 co			CHOADETRIC DATA
LREF	= 5500.0000 SQ.FT = 327.8000 IN.	- XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC		ALPHAW = 4.247 RN/L = 1.090
BREF	= 2348.0000 IN.	ZMRP = 190.7500 1N.7C		STAB = -4.000 ELEVTR = .000
SCALE	0400	2012 - 발표 보호하면 불편했다면서		IORB = 3.000 ELEVON = .000 BDFLAP = -11.700
		RUN NO. 144/ 0 RN/I = 00		
		RUN NO. 144/ 0 RN/L = $.00$	GRADIENT INTERVAL :	= -5.00/ 5.00
	MACH GP	ALPHAW Q(PSF) CP1	CP2 CP3	CP4 CP5 CP6 DETA
	.155 11.332 .155 14.896	4.24713 35.06009 .03452 4.21664 35.08205 .03452	.02379 .02599	CP4 CP5 CP6 BETA -002200233101171 .00000
	.155 22.930	4.21664 35.08205 .03348 4.20207 35.09516 .01402	.02309 .02459 .00382 .00428	000750266201428 .00000
	155 39.118	4.16348 34.9559401132	.00382 .00428 0216302233	.001530247201203 .00000 .005390209900704 .00000
	.156 54.174 GRADIENT	4.16335 35.3514001613	0275202907	000120278701415 .00000 000120278701415 .00000
	CIABILIT	.00000. 00000.	.00000 .00000	00000 00000 00000 00000
		ICA-8) K2.1TS7H15.6.1	F30TS40165.3.5	(PJF145) ( 01 JUN 76 )
	REFERENCE D	DATA		
SREF	= 5500 0000 SO FT			PARAMETRIC DATA
	= 5500.0000 SQ.FT. = 327.8000 IN.	.033.3100 III.AC		ALPHAW = 6.166 RN/L = 1.090
BREF	= 2348.0000 IN.	YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		STAB = -4.000 ELEVTR = 000
SCALE	= -0400			IORB = 3.000 ELEVON = .000
		COUNT NO. COUNTY OF THE COUNTY		BDFLAP = -11.700
		RUN NO. 145/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
	MACH GP	ALPHAW Q(PSF) CP1	CP2 CP3	CP4 CP5 CP5 PETA
	.155 11.341 .155 13.104	6.16552 35.11095 .03351	.02464 .02737	CP4 CP5 CP6 BETA .002180233301105 .00000
	166 22 220	6.14336 35.08280 ,02767	.01940 02200	0000

.01940

.00528 -.01819 -.04140

.00000

.0220C .00796

-.01799

-.04184

.00000

DATE 66 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 471

## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(PJF146) ( 01 JUN 76 )

REFER	ENCE	DATA
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ALF ENENCE DATA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. XMRP = LREF = 327.8000 IN. YMRP = BREF = 2348.0000 IN. ZMRP = SCALE = .0400	.0000 IN.YC	ALPHAW = 8.099 RN/L = 1.090 STAB = -4.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700

	RUN NO. 146/ 0	RN/L = .00 GR	ADIENT INTERVAL	= -5.00/ 5.	.00	
MACH GP .155 11.340 .155 12.252 .155 21.480 .156 37.454 .156 52.908 .156 74.113 GRADIENT	ALPHAW Q(PSF 8.09886 35.1759 8.06892 35.0584 8.06474 34.9501 8.06995 35.2389 8.06359 35.2804 8.22981 35.4181 .00000 .0000	3 .02821 .02 3 .03141 .02 2 .0058800 00220403 30319704 60458605	089 .02492 424 .02878 139 .00162 00502952 05404047	00418 00093 00305 00983	CP5	389 .00000 597 .00000 681 .00000 262 .00000 859 .00000 973 .00000

## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(PJF147) ( 01 JUN 76 )

#### REFERENCE DATA

COLUMN TO THE STATE OF THE STAT	그렇게 직접 내용되는 한 하는 논리적 살고 있다.	PARAMETRIC DATA
SPEF = 5500.0000 SQ.FT. XMRP = LREF = 327.8000 IN. YMRP = BREF = 2348.0000 IN. ZMRP = SCALE = .0400	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC	ALPHAW = 10.174 RN/L = 1.090 STAB = -4.000 ELEVTR = .00C ICRB = 3.000 ELEVON = .000 BDFLAP = -11.700

	RUN NO. 147/ 0 RN/L = .00 C	GRADIENT INTERVAL = -5.00/	5.00	
MACH GP .155 11.327 .155 14.393 .155 21.308 .155 37.805 .155 53.033 .155 80.764 GRADIENT	10.17356 35.10087 .02134 .0 10.14802 35.10377 .00940 .0 10.15182 35.05951003220 10.16635 35.20797038550 10.17807 35.23365047560 10.15108 35.23594060740	CP3 CP4  01546 .0216201330  00401 .0079200782  008790053301327  044710435001664  054280527502615  067750664903725	CP5	000 000 000 000 000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(PJF148) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

										ALPHAW =	12.110	RN/L =	1.0	090
SREF	= .	5500.0000	SQ.FT.	MHP	=	1339.9100	IN.XC			STAB =		ELEVTR =	- 1	000
LREF	= .	327.8000	IN.	YMRP	=	.0000	IN.YC						_	000
BBFF	= .	2348.0000	IN	ZMRP	=	190.7500	IN.ZC			IORB =		ELEVON =	- (	300
CCALE		0000		7.7		- 1777 TTT				BDFLAP =	-11.700			

PLIN NO	148/ 0	RN/1 =	.00	GRADIENT	INTERVAL =	-5.00/	5.00
11011 110	1,0,0	1414 L					

MACH .155 .155 .156 .156	GP 20.579 39.905 55.237 81.787 GRADIENT	ALPHAW 12.10966 12.15808 12.19268 12.20904	0(PSF) 35.05740 34.99497 35.36991 35.31312	CP1 01671 05477 06706 08095	CP2 02171 05962 07239 08729 .00000	CP3 01660 05840 07067 08590 .00000	CP4 02241 03312 04372 05485 .00000	CP5 04474 05560 06640 07745	CP6 02887 03569 04651 05678 .00000	BETA .00000 .00000 .00000 .00000
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## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

## (PJF149) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SO.FT. XMRP LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP	= .0000 IN.YC	ALPHAW = 14.219 STAB = -4.000 IORB = 3.000	RN/L = 1.090 ELEVTR = .000 ELEVON = .000
SCALE = .0400		BDFLAP = -11.700	

## RUN NO. 149/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP .155 35.848 .155 44.643 .155 59.696 .155 91.601	14.22106 14.25040 14.31474	0(PSF) 35.16693 34.98388 35.00977 35.22645	CP1 06317 07672 0875/ 11517 .00000	CP2 06796 08224 09298 12065	CP3 06535 08152 09163 12074 .00000	CP4 04827 05233 06621 08151 .00000	CP5 06757 07184 08599 10194 .00000	CP6 04880 05082 06674 08021	E	3ETA .00000 .00000 .00000 .00000
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DATE 06 JUL 76 CA-B - FORCE SOURCE DATA TABULATION (CA-8) K2.1TS7H15.6.1F30TS40165.3.5 (PJF150) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF 327.8000 IN. ALPHAW = 16.235 RN/L YMRP .0000 IN.YC = 2348.0000 IN. BREF STAB = -4.000 ELEVTR = ZMRP = 190.7500 IN.ZC SCALE = IORB .0400 = 3.000 ELEVON = BDFLAP = -11.700RUN NO. 150/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 MACH ALPHAM Q(PSF) CPI CP2 CP3 CP4 .155 CP5 48.604 CP6 16.23541 35.08642 -.12166 -.12636 -.12564 -.09661 .155 81.405 -.11382 -.09203 16.29695 35.23223 -.13935 -.14489 -.14411-.11280 GRADIENT -.13052 .00000 -.10816 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K2.1TS7H15.6.1F30TS40165.3.5 (PUF151) ( 01 JUN 76 1 REFERENCE DATA PARAMETRIC DATA 5500.0000 SO.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. ALPHAW = YMRP . 159 = RN/L = .0000 IN.YC BREF = 2348,0000 IN. STAB = ZMRP = -6.000 ELEVTR = 190.7500 IN.ZC SCALE = .0400 108B 3.000 ELEVON = BDFLAP = -11.700PUN NO. 151/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH **ALPHAW** Q(PSF) CPI CP2 CP3 CP4 .155 CP5 11.277 CP6

.03551

.02160

.00277

-.00153

-.00407

.00000

.01587

.00372

-.00834

-.01819

-.01980

.00000

.02086

.00604

-.00745

-.01842

-.02/130

.00000

-.01327

-.01394

-.01053

-.01212

-.01143

.00000

-.04494

-.04606

-.04383

-.04593

-.04538

.00000

.15940

.10950

.07419

.03234

.01003

.00000

35.18640

35.23467

35.12783

35.06926

35.08161

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PAGE 473

BETA

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1.090

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.155

.155

. 155

. 155

17.417

23.828

30.252

32.661

GRADIENT

## (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

## (PJF152) ( 01 JUN 76 )

PARAMETRIC DATA

		VCF	

SREF = 550	0.0000 SQ.FT.	XMRP = 1339	9.9100 IN.XC		ALPI	HAW = 4.158	RN/L = 1.090
LREF = 38			.0000 IN.YC	리미널레를 생각하는 그런 경기	STA	3 = -6.000	ELEVTR = .000
BREF = 234	8.0000 IN.	ZMRP = 190	7500 IN.ZC		IORI	3.000	ELEVON = .000
SCALE =	.0400				BDFI	AP = -11.700	

## RUN NO. 152/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

ja.,											
M	ACH	GP	ALPH	(W Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
	. 155	11.331	4.1578	35.19555	.03820	.02935	.03048	.00102	03269	01723	.00000
	.155	15.602	4,148	50 35.17328	.02816	.02'024	.01903	.00149	03265	01669	.00000
	.155	22,295	4.1349	35.07194	.01669	.00982	.00610	.00792	02750	01177	.00000
	. 154	38.181	4.090	79 34.76336	01228	01863	02382	.01040	02554	00919	.00000
	.156	53.321	4.1380	0 35.33758	02128	02798	03415	.00440	03110	01421	.00000
		GRADIENT	.000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

## (PJF153) ( 01 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 5500.0000	SQ.FT. XMRP =	1339.9100 IN.XC		والمقراء والمارات	ALPHAW =	8.110	RN/L =	1.090
LREF = 327.8000	IN. YMRP =	.0000 IN.YC			STAB =	-6.000	ELEVTR =	.000
BREF = 2348.0000	IN. ZMRP =	190.7500 IN.ZC	할아, 아프를 모고 있는 이 없는 이 항상이		10RB =	3.000	ELEVON =	.000
SCALE = .0400	: 그리는 생활을 가루를 하고 있는	발 시민 계리 경기 있는 기를 가 먹었다.			BDFLAP =	-11.70C		

## RUN NO. 153/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.155	11.340	8.10972	35.10227	.02484	.02465	.02078	00146	03480	01931	.00000
.155	22.095	8.08336	35.07388	.00293	.00292	00277	00165	03510	01877	.00000
. 155	36.752	8.08216	35.12766	02546	02689	03377	.0608	02855	00973	.00000
.155	52.172	8.08034	35.24910	03659	03668	04542	C0417	03880	01928	.00000
. 155	73.336	8.26866	35.23073	05087	05131	06064	C1414	04867	02957	.00000
	GRADIENT	.00000	.00000	00000	.00000	.00000	.00000	.00000	.00000	.00000



DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULA	TION	PAGE 475				
	(CA-8) K2,1TS7H15.6	.1F30TS40165.3.5	(PJF154) ( 01 JUN 76 )				
REFERENC	E DATA		PARAMETRIC DATA				
SREF = 5500.0000 SQ. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP = .0000 IN YC		ALPHAW = 6.239 RN/L = 1.090 STAB = -6.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700				
	RUN NO. 154/ 0 RN/L = .00	GRADIENT INTERVAL	= -5.00% 5.00				
MACH GP .155 11.34 .155 13.47 .155 22.08 .155 38.01 .156 53.64 .155 64.14 GRADIEN	6 6.20456 35.00734 .02960 8 6.19780 35.26486 .01182 1 6.17903 35.2804401498 9 6.14594 35.2951102680 3 6.19336 35.2326203195	CP2 CP3 .03330 .02680 .02984 .02189 .01148 .00340 ~.0154502529 ~.0277603807 ~.0325804319 .00000 .00000	CP4         CP5         CP6         BETA           .C0428        02835        01488         .00000           .C0725        02484        01117         .00000           .C0419        02830        01408         .00000           .C0872        02518        00950         .00000           .C0013        03332        01736         .00000          00643        04050        02404         .00000           .C0000         .00000         .00000         .00000				
	(CA-B) K2.1TS7H15.6.	1F30T5401G5.3.5	(PJF155) ( 01 JUN 76 )				
REFERENC	E DATA		PARAMETRIC DATA				
SREF = 5500.0000 SQ. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP = ODDO IN YC		ALPHAW = 10.147 RN/L = 1.090 STAB = -6.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700				
	RUN NO. 1557 0 RN/L = .00	GRADIENT INTERVAL	= -5.00/ 5.00				
MACH GP .155 11.32 .155 12.13 .155 20.98 .155 37.40 .156 52.96 .155 83.92 GRADIEN	9 10.12806 35.00265 .00756 6 10.12618 35.0890901297 4 10.14366 35.1778303987 0 10.15570 35.46140 .04821 0 10.27881 35.1730607131	CP2 CP3 .01889 .01370 .0:188 .006070078801606036030459904474 .054400678407839 .00000 .00000	CP4				

## (CA-8) K2.ITS7H15.6.1F30TS401G5.3.5

(PJF156) ( 01 JUN 76 )

## REFERENCE DATA

et eller i De							a kili a kalan da dibili di di					
SPEF	= ;	5500.0000	SQ.FT.	XMRP	= 1339.9100	IN.XC		ΔΙ ΡΗΔ	W = 12.148	RN/I	_	1.090
		327.8000		YMRP				STAB		ELEVTR		.000
		2348.0000	IN.	ZMRP	= 190.7500	IN.ZC			= 3.000			.000
SCALE	= -	.0400							-11 700	1		

# RUN NO. 156/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF) CP1	CP2	CP3	CP4 CP5	CP6	BETA
.155	20.564	12,14840	35.1559602224	01620	02393	0132904439	02649	.00000
. 155 . 155	23,591 39,923	12.13496 12.15903	35.2020902704 34.9182605732	02054 05164	02825 06213	0207705138 0210505185		.00000
.155	55.260	12.18179	35.0516107471	06873	07994	0353506733	03071 04573	-00000
. 156	85.711 GRADIENT	12.27088	35.3446009190	08609	09742	0532308426	06302	.00000
	ORADIENT	.00000	.00000 .00000	.00000	.00000	.0000 .0000	.00000	.00000

(CA-8) K2.1TS7 F30TS401C5.3.5

## PARAMETRIC DATA

(PJF157) ( 01 JUN 76 )

PARAMETRIC DATA

## REFERENCE DATA

SREF = 5500.0000	SO FT YMRP =	1330 0100 IN VC	A 1 1	PHAW = .235	DM - 1.000
1055 505			ALt	CC3. = WAR	RN/L = 1.090
LREF = 327.8000	IN. YMRP =	.0000 IN.YC	101	RB = 3.000	ELEVON = .000
BREF = 2348,0000	7.14				FFF 4014 - 1000
BREF = 2348,0000	10. ZMRP =	190.7500 IN.ZC	BUI	-11.700	
SCALE 1400			001	LUI - 111100	

## RUN NO. 157/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.155 11.279	.23476	35.09581	.03572	.01550	.02254	020	1103585	02262	.00000
.155 13.372 .155 20.141	19344	35.20.98	. 02955	.00991	.01510	019		02299	.00000
.155 20.141 .155 31.543	.15945 .09040	35.23802 34.96823	.02176	.00258	.00620	024		02805	.00000
.156 33.911	.05704	35.33694	00410	01773 0a185	01513 02070	016 015		02245 02206	.00000
GRADIENT	.00000	.00000	.00000	.00000	,00000	.000		.00000	.00000

4.00		
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•	أفند	
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DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	10N	PAGE	477
	(CA-8) K2.1TS7	F30T540165.3.5	(PJF158) ( 01 JUN	
REFERENCE D	ATA A LA LA LA LA LA LA LA LA LA LA LA LA			
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		PARAMETRIC DATA  ALPHAW = 4.200 RN/L = 10RB = 3.000 ELEVON = BDFLAP = -11.700	1.090
함께, 고양화 기술하다 열차하는 사용하는 2015년 2월 1일 대한 12일 대한 10일 대한 10일 대화 기술 대한 12일 대한 12일 대한	RUN NO. 158/ 0 RN/L = .00	GRADIENT INTERVAL =	~5.80/ 5.00	
MACH GP .155 11.332 .155 14.509 .155 23.175 .155 39.402 .155 54.341 	ALPHAW Q(PSF) CP1 4.20037 35.22014 .04339 4.17077 35.21191 .03992 4.13768 35.10148 .01977 4.09878 34.9705300192 4.26567 35.0857701697 .00000 .00000 .00000	.02788 .03179 - .00726 .01032 - 0131201229 - 0278202818 -	CP4         CP5         CP6         BETA           .03806        02590        01085         .0000           .03420        02209        00728         .0000           .03234        02139        00632         .0000           .03298        02217        09536         .0000           .03755        02777        01148         .0000           .03000         .00000         .00000         .00000	) ) )
PEEDENOT		F30TS401G5.3.5	(PJF159) ( D1 JUN	76 )
REFERENCE DA	Massac 12 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	양류에 살았다. 연극이 들어난	PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC			1.090
얼마 나왔다. 배양한다리 나가 되었다.	RUN NO. 159/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .156 11.341 .155 13.291 .155 22.253 .155 38.214 .155 64.392 GRADIENT		.02880 .03298 - .02555 .03007 - .00933 .01165 - 0179601665 - 0387503832 -	CP4         CP5         CP6         BETA           .00380        02096        00593         .00000           .00555        02332        00871         .00000           .00575        02379        00811         .00000           .00190        02031        00327         .00000           .01527        03441        01717         .00000           .00000         .00000         .00000         .00000	

	일이 3년이 다른다. 23일 (18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일 : 18일		(CA-B) K	1.1157	F301540165	.3.5			(PJF160) (	01 JUN 76 )
	REFERENCE D	ATA						PARA	METRIC DATA	
LREF = 327. BREF = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	1339.9100 I .0000 I 190.7500 I	N.YC			ALPH IORB BDFL	= 3	.112 RN/L .000 ELEVON .700	= 1.090 N = .000
		RUN NO. 1	60/ 0 RN/	L = .00	GRADIENT	INTERVAL =	= -5.00/ 5	.00		
MACH :155 :155 :155 :155 :155 :155	GP 11.340 14.348 22.148 37.763 53.472 74.459 GRADIENT	ALPHAW 8.11229 8.08255 8.07125 8.05082 8.19533 8.25989 .00000	Q(PSF) 35.19042 35.00940 35.06432 35.13291 35.20936 35.22453 .00000	CPI .03416 .02310 .00783 01695 03265 04656 .00000	CP2 .02819 .01627 .00223 0230 03830 05178 .00000	CP3 .03222 .01979 .004C0 02308 03886 05447 .00000	CP4 01147 00759 01053 01056 01754 02820 .00000	CP5028930243002821028940359504714 .00000	CP6014610085801115009890173002801	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA-8) KZ	.1157	F30TS401G5	.3.5			(PJF161) (	01 JUN 76 )
	REFERENCE D	ATA						PARA	METRIC DATA	
LREF = 327.1 BREF = 2348.	0000 SO.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	1339.9100   .0000   190.7500	N,YC			ALPH IORB BDFL	= 3	.252 RN/L .000 ELEVON .700	= 1.090 V = .000
		RUN NO. 1	61/ 0 RN/	L = .00	GRADIENT	INTERVAL =	-5.00/ 5	.00		
MACH .155 .155 .155 .155 .155 .156	GP 11.326 14.186 21.902 38.450 53.767 81.016 GRADIENT	ALPHAW 10.25223 10.22444 10.22146 10.21457 10.21992 10.19607 .00000	Q(PSF) 35.08636 35.05515 35.15455 35.15116 35.08049 35.34944 .00000	CP1 .01814 .01240 00839 03129 04313 06167 .00000	CP2 .01502 .09863 01157 03513 04709 06533 .00000	CP3 .01924 .01201 00997 03485 04772 06656 .00000	CP4 01740 01465 01463 02256 03168 04440 .00000	CP5033260307503131039530488206137	CP6 01814 01446 01352 01985 02887 04114 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

DATE DS JUL 76	CA-8 - FORCE SOURCE DATA TABULA	TION	PAGE 479				
	(CA-8) K2.1T57	F30T540105.3.5	(PUF162) ( 01 JUN 76 )				
REFERENCE	DATA		PARAMETRIC DATA				
SREF = 5500.0000 SQ.F LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	T. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.237 RN/L = 1.090 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700				
	RUN NO. 162/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00				
MACH GP .155 20.565 .155 20.769 .155 23.925 .155 37.705 .155 55.389 .155 67.9-3 GRADIENT	12.21957 35.0966501754 12.22065 35.0127202232 12.22736 35.1915704621 12.24356 35.0453706541 12.25632 35.2703108525	CP2 CP3016430137701918017010233102099046430479205760057680871508861 .00000 .00000	CP4         CP5         CP6         BETA          03171        04726        02953         .00000          03310        04883        03046         .00000          03497        05118        03212         .00000          04299        05859        03820         .00000          05018        06619        04512         .00000          06556        08192        05987         .00000           .00000         .00000         .00000         .00000				
	(CA-8) K2.1TS7H15.6	.1F30TS401G5.3.5	(PJF163) ( 01 JUN 76 )				
REFERENCE	DATA		PARAMETRIC DATA				
SREF = 5500.0000 SQ.F LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	T. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = .158 RN/L = 1.090 STAB = -4.000 ELEVTR = -23.000 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700				
	RUN NO. 163/ 0 RN/L = .00	GRADIENT INTERVAL =	5.00/ 5.00				
MACH GP .155 11.277 .155 12.736 .155 18.231 .155 30.082 .155 32.515 GRADIENT	.11973 35.21951 .02430 .09501 35.15007 .01614 .02709 35.07957 .00045 .00412 35.0333400367	CP2 CP3 .01290 .01792 .00511 .00630002160061901773016480214002057 .00000 .00000	CP4         CP5         CP6         BETA          01576        04392        03071         .00000          01303        04159        02907         .00000          01212        04096        02830         .00000          01530        04561        03302         .00000          01166        04237        03088         .00000           .00000         .00000         .00000         .00000				

DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	ION		PAGE 480
	(CA-8) K2.1TS7H15.6.	IF30TS401G5.3.5	(PJF164)	( 01 JUN 76 )
REFERENCE D	ATA		PARAMETRIC DA	ra -
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		STAB = -4.000 ELE	VL = 1.090 EVIR = -23.000 EVON = .000
	RUN NO. 164/ 0 RN/L = .00	GRADIENT INTERVAL =	-5,00/ 5,00	
MACH GP .156 11.332 .155 13.585 .155 22.259 .155 38.090 .155 53.213 GRADIENT	ALPHAW Q(PSF) CP1 4.20109 35.4'359 .04025 4.18061 35.14831 .03521 4.15704 35.16990 .01186 4.10907 34.9925701696 4.03795 35.1407602685 .00000 .00000	CP2 CP3 .02769 .03302 .02301 .02750 .00103 .0025802738027850376503825 .00000 .00000	CP4         CP5         CP6           .00050        02945        01444           .00241        02755        01284          00394        03431        01922           .00113        03117        01540          03588        02014         .00000           .00000         .00000         .00000	BETA .00000 .00000 .00000 .00000 .00000
	(CA-8) K2.1TS7H15.6.	IF30TS40165.3.5	(PJF165)	( 01 JUN 76 )
REFERENCE C		PARAMETRIC DA	TA NEW TOWN	

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP = .000	00 IN.XC 00 IN.YC 00 IN.ZC	교 (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	LPHAW = 6.049 TAB = -4.000 ORB = 3.000 DFLAP = -11.700	RN/L = 1.090 ELEVTR = -23.000 ELEVON = .000
	RUN NO. 165/ 0	RN/L = .00 GRAD	DIENT INTERVAL = -5.00/	5.00	
MACH GP .156 11.341 .155 13.419 .155 21.263 .154 36.610 .155 52.404 .155 62.956 GRADIENT	ALPHAW Q(PSF 5.04948 35.45591 6.09146 35.25711 6.07748 35.05501 6.05170 34.76031 6.05926 35.19881 6.23587 35.2013	5 .03200 .023 5 .02237 .014 4 .00953 .024 801752024 503176039 303923047	03 .0164900239 02 .0025400301 0502585 .00029 040414800778 020492101051	0329201 0316301 0384903	2218 .00000 1725 .00000 1811 .00000 1480 .00000

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DATE 06 JUL 76

BREF = 2348.0000 IN.

SCALE = .0400

#### CA-B - FORCE SOURCE DATA TABULATION

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		TS40165.	

## (PJF166) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

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				E			

#### 1.090 8.213 RN/L = ALPHAW = XMRP = 1339.9100 IN.XCSPEF = 5500.0000 SO.FT. ELEVTR = -23.000 -4.000 STAB = LREF = 327.8000 IN. YMRP = .0000 IN.YC .000 ELEVON = 3.000 10RB = ZMRP 190.7500 IN.ZC BDFLAP = -11.700

COADIENT INTERVAL = -5 00/ 5 00

	RUN NO.	1991 0 KM/F	יט טוי. =	EMI THIETHAME	- 5.007	5,00		
MACH .155	GP ALPH/	35.30818	CP1 CP2 .01970 .01504 .02085 .01625		CP4 01033 01509	CP5 03855 04309	02413	00000 00000
.155 .155 .155	13.101 8.1858 21.543 8.1733 37.420 8.1455	27 35.15350 50 34.93331	.02085 .01625 0033300790 0225902808 0343504009	00732 02916	01098 01325 01737	-,04012 -,04322 -,04696	02376 ·	00000 00000 00000
. 155 . 156	52.914 8.1199 74.129 8.2229 PADJENT 0000	35.36996	0528005915 05000 .00000	06167	02383 .00000	05404 .00000		00000

#### (CA-8) K2.1757H15.6.1F30T5401G5.3.5

#### (PJF167) ( 01 JUN 76 )

#### REFERENCE DATA

#### ALPHAW = 10.229 RN/L = 1.090 XMRP = 1339.9100 IN.XCSREF = 5500.0000 SQ.FT. ELEVTR = -23.000 STAB = -4.000 .0000 IN.YC YMRP = LREF = 327.8000 IN. ELEVON = .000 IORB = 3.000 ZMRP = 190.7500 IN.ZCBREF = 2348.0000 IN. BOFLAP = -11.700SCALE = .0400

	RUN NO. 167	/ 0 RN/L = .00	GRADIENT	INTERVAL = -5	5.00, 5.00		
MACH GP .156 11.326 .155 13.323 .155 21.155 .155 37.679 .154 52.948 .156 84.569 GRADJENT	10.19795 3 10.19941 3 10.20522 3 10.20911 3	0(PSF) CP1 :5.32600 .01431 :5.26160 .00262 :5.3064701256 :4.9265604406 :4.8516505743 :5.3702807085 .00000 .00000	CP2 .01183 .00048 01570 04744 06112 07553	.002100 014000 048720 063490 076750	04 CP5 0239105087 0130504101 0263705333 0187404742 0290605764 0455007324 00000 .00000	CP6 03685 02517 03790 02770 03829 05380 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-81 K2.1TS7H15.6.1F30TS401G5.3.5

(PJF168) \*(.01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SREF		SQ.FT. XMRP	= 1339.9100	IN YC			
	= 327.8000	IN. YMRP	= .0000	IN YC		ALPHAW = 12,130	RN/L' = 1.090
BREF	= 2348.0000	IN. ZMRP	= 190.7500	IN 70		STAB = -4.000	
SCAL	E = .0400		100.7500	114.20			ELEVON = .000
						BDFLAP = -11.700	

	RUN NO, 168/ Q	RN/L = .00	GRADIENT INTERVAL	= -5,00/	5.00		a tare
MACH GP .154 20.504 .155 23.673 .155 38.947 .155 55.239 .155 87.124 GRADIENT	ALPHAW Q(PSF) 12.13009 34.73608 12.12045 34.94807 12.14106 35.07509 12.16123 35.20398 12.27528 35.17798 .00000 .00000	02186 - 03232 - 06029 - 07468 -	CP2 CP3 10224202144 10332203319 10618306378 10767507903 10967009918	CP4 02964 03615 03626 04750 06228	CP5 05650 06264 06377 07505 09014	CP6 03932 04406 04317 05362 06887	AT38 .0000 .0000 .0000 .0000

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## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

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(PJF169) ( 01 JUN 76 )

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## REFERENCE DATA

#### PARAMETRIC DATA

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.00000

SREF = 5500.0000	SQ.FT. XMRP	= 1270 0100	IN VO						
LREF = 327.8000	IN. YMRP					ALPHAW =	.183	PN/L =	1.090
BREF = 2348.0000			IN.YC			STAB =	-2.000	ELEVTR =	-23.000
	IN. ZIMP	= 190.7500	IN.ZC	and the control of the		ICRB =		ELEVON =	-5.000
SCALE = .0400					all Artis	BDFLAP =	-11,700		2.000

#### RUN NO. 169/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 11.278 . .155 13.948 . .155 18.231 . .155 30.138 . .155 32.616 .	ALPHAW Q(PSF) CP1 18293 35.18714 .03175 14914 35.19082 .02719 12505 35.14834 .01637 04496 35.0757600311 16137 35.0848700583 00000 .00000 .00000	CP2 CP3 CP4 .01061 .0167601985 .00627 .011890191600286 .0008101780022320195901621024850228501098 .00000 .00000 .00000	CP5 CP604980035800481703485048170343404747034590419702965 .00000 .00000	BETA .00000 .00000 .00000 .00000
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## CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

( 01 JUN 76 )

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	The second	.,_, _,,_, _									
LREF BREF	REF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC BCALE = .0400							S 10	ALPHAW = 4.177 RN/L = 5TAB = -2.000 ELEVTR = -2.000 ELEVON = -		
			RUN NO.	170/ 0 RN/	'L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
	MACH .155 .155 .155 .154 .155	GP 11.332 13.432 21.947 38.213 53.156 GRADIENT	ALPHAW 4.17654 4.15213 4.12265 4.07552 4.00760 .00000	0(PSF) 35.20734 35.20951 35.14056 34.82492 35.19376 .00000	CP1 .03779 .02712 .01119 01005 02401 .00000	CP2 .02522 .01562 00101 02141 03512 .00000	CP3 .03047 .01958 .00191 02040 03540 .00000	CP4 00080 .00329 .00447 .00348 .00061	CP5 03237 02911 02758 03055 03288 .00000	CP6 01723 01298 01129 01329 01613 .00000	BETA .00000 .00000 .00000 .00000 .00000
				(CA-B) K3	3.1TS7H15.6	.1F30TS40165.	3.5			(PJF171) (	01 JUN 76 1
		REFERENCE C	DATA						PAR	RAMETRIC DATA	

그녀는 경기를 가고 있었다. 그 그는 그 이 그리고 있는 것이 없는데 없다.	그 전에는 한 경향에 되었다면 하는 사람들은 사람들이 가지 않는데 그렇게 되었다.		
SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	ALPHAW =	6.229  RN/L = 1.090
LREF = 327.8000 IN. YMRP	# .0000 IN.YC	STAB =	-2.000 ELEVTR = -23.000
BREF = 2348.0000 IN. ZMRP	= 190.7500 [N.ZC	IORB =	6.000 ELEVON = -5.00C
SCALE = .0400	그들은 다양을 부탁하는 것으로 보는 그리스 회에 가는 이 말 보험을 하는 것이다. 그는 것은	BDFLAP =	-11 700

RUN NO. 171/	0	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/	5.00
						2.23	

MACH	GP ALPHAW	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341 6.22883	34.89642 .031	11 .02238	.02721	00300	03378	01849	.00000
. 155	12.732 6.20924	35.15334 .029	58 .C2139	.02430	00101	03151	01609	.00000
. 155	21.711 6.19014	35.01609 .010	39 .00227	,00414	.00042	03129	01533	.00000
. 156	37.675 6.17074	35.44343015	5302364	62379	.00097	03104	01316	.00000
. 156	53,447 6.14265	35.60711030	520385i	04034	00177	03331	01568	.00000
. 155	63.895 6.15308	35.12691030	3003926	04010	00755	03936	02239	.00000
	GRADIENT .00000	.00000 .000	00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(PJF172) ( 01 JUN 76 )

## PARAMETRIC DATA

LREF =	2348.0000	IN. YMRP		O IN.YC			ALPHAW = STAB = IORB =	8.146 -2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
	.0400	RUN NO	1727 0	DNZI -	00 00.0		BDFLAP =		ELEVON -	3,000

	RON NO. 1727 U RN/L =	00 GRADIENT INTERVAL	= -5,00/ 5.00	
MACH GP -155 11.340 -155 11.763 -155 21.315 -156 37.280 -155 52.675 -155 73.766 GRADIENT	ALPHAW 0(PSF) CP1 8.14622 35.26104 .0262 8.12341 35.06159 .0256 8.10507 35.03146 .0047 8.09996 35.411650256 8.08797 35.029560350 8.23564 35.291450515 .00000 .00000 .00000	5 .01942 .02195 400119 .00054 50325103300 60416104292 70578705974	CP4 CP5 ~.007620365500395033310071103743004650355601347044660197905041	CP6 BETA02121 .0000001855 .0000002094 .0000001662 .0000002594 .0000003146 .0000000000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## (PJF173) ( DI JUN 76 )

#### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100	D. IN YC	Tennic (1974) To 12 2000			
LREF = 327.8000 IN. YMRP		D INLYC	ALPHA	l = 10.106 ⋅	RN/L =	1.090
DOCE - 2700 0000 11			STAB	-2.000	ELEVTR = -	-23.000
SCALE = .0400	= 190.7500	U IN.ZU	IORB	= 6.000		-5.000
		그들은 그 사람은 사이지 말하다 이번째 경우가	BDFLAF			5.000

	RUN NO. 173/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP .155 11.327 .155 11.842 .155 20.543 .155 37.954 .155 52.317 .155 72.825 .155 83.959 GRADIENT	ALPHAW Q(PSF 10.10587 35.1414 10.07936 35.0270 10.07838 35.2557 10.08662 35.1235 10.09383 35.2058 10.31861 35.1563 10.28421 35.1696 00000 00000	.01451 2 .01157 000860 +03954 204905 506431 307053	04362 05408 06924	CP3 .01336 .01118 01051 04531 05462 07044 07693 .00000	CP4 01079 00782 01439 01187 02639 03368 03912	CP503828035580428104068055160626106832	CP602247019240254102021035570417304714	BETA .00000 .00000 .00000 .00000 .00000



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#### CA-8 - FORCE SOURCE DATA TABULATION

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TCA-BI K3	.1TS7H15.	.A. 1530T	540165.3	. 5

(PJF174) ( 01 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

		그는 물에도 살아 가는 그렇게 되다.			化氯化二基烷		D1111 - 1 000
SREF =	5500.0000	SO.FT. XMRP =	1339,9100 IN.XC			ALPHAW = 12.126	RN/L = 1.090
LREF =	327.8000	in. YMRP =	.0000 IN.YC			STAB = -2.000	ELEVTR = -23.000
BREF =	2348.0000	IN. ZMRP =	190.7500 IN.ZC			IORB = 6.000	ELEVON = -5.000
SCALE =	.0400					BDFLAP = -11.700	
		RUN NO. 1	74/0 RN/L = .00	GRADIENT INTERVAL =	-5.0	0/ 5.00	

a Share Bee										
MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	20.524	12.12640	34.99550	01465	01564	01305	03612	06168	04574	.00000
. 155	23.751	12.10713	35.21852	02939	03151	02940	02847	05445	03710	.00000
. 155	39.579	12.12384	35.05539	05840	06185	06115	03628	06208	04286	.00000
.155	55.309	12.23847	35.05248	07138	07493	07589	04515	06942	04949	.00000
. 155	85.653	12.26404	35.24889	09035	09473	09597	05765	08278	06259	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF175) ( 01 JUN 76 )

## REFERENCE DATA

LREF BREF	=	5500.0000 327.8000 2348.0000	IN. IN.	YMRP	= 1339.91 = .00 = 190.75	00 IN.YC					STAB TORB	=	4.171 .000 6.000	RN/L ELEVTR ELEVON	=	1.090 .000 -5.000
SCAL	=	.0400		S. 11. 11.0	.25.	Date	00	CDADIENT	INTERVAL	= 0	BDFLAP		-11.700			
		1ACH G	Þ	ALPHAM	175/ 0 0(PSF			CP2	CP3	= -3.0 CP4		: :P5	CP6		BETA	

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.156	11.331	4.17082	35.8101€	.01631	.00489	.01089	02439	04293	03104	.00000
.157	13.407	4.14548	35.83570	.01713	.00398	.01170	02349	04155	03019	.00000
. 156	22.661	4.11769	35.37999	.00183	01025	00481	01957	03808	02625	.00000
. 155	38.740	4.10935	35.03209	02405	03634	03168	01553	03514	02246	.00000
. 154	53.682	4.17382	34.78007	03411	04698	04215	02222	04071	02814	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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## CA-B - FORCE SOURCE DATA TABULATION

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				2-10103	

(PJF176) ( 01 JUN 76 )

	ENCE	

#### PARAMETRIC DATA

SREF =	5500.0000	SO.FT. XMRP	= 1339.9	3100 IN.XC				ALPHAW = 6.173	DM//	
LREF =		IN. YMRP		000 IN.YC			5 J. 1867		RN/L =	1.090
	2348.0000	IN. ZMRP		7500 IN.ZC					ELEVIR =	.000
SCALE =	.0400								ELEVON =	-5.000
								BDFLAP = -11.700		
		RUN NO.	176/ 0	RN/I =	OO GPA	DIENT INTERVAL -	5	007 = 00		

[1] [하고 말로 말로 기계 그리고 말리	100 101 1 101 U MINE - 100	GRADIENT INTERVAL = -5.00/	5.00	4.
MACHGP	ALPHAW Q(PSF) CP1	CP2 CP3 CP4	CP5 CP6 BE	ΞTΑ
.155 11.341 .155 12.973	6.17247 35.19275 ,02409	.01241 .0224202985	0452203400	0000
.154 22.070	6.14746 35.19724 .01797 6.13177 34.9251800215	.00577 .0156202463 013820051302105	10000	00000
.154 37.934	6.11838 34.7534502526	013820051302105 037870303302154		00000 00000
154 53.578	6.08744 34.6244603849	050720446102596	1717	00000
GRADIENT	.00000.00000.00000	.00000 .00000 .00000.	00000 .00000	00000

## (CA-8) K3.1TS7H15.6.1F30T5401G5.3.5

(PJF177) ( 01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SR	FF =	5500 0000	SO ET	VMDD	= 1339.9100	TN 3/0				
	<b>-</b> -	337 0000	JULT I	Alline	= 1338.8100	IN.XC		ALPHAW = 8.173	RN/L =	1.090
LH	-r: = :	327.8000	IN.	YMRP	= .0000	IN.YC	taglagit a tiplig i gladi		ELEVIR =	.000
BR	EF =	2348,0000	IN.	ZMRP	= 190.7500	IN 7C				
	ALE =	.0400			130.7300	111.20			ELEVON =	-5.000
	-	.0100						BDFLAP = -11.700		

그 사람들 이 살이 먹는 것이다고 하는데 그 것이다. 이번 사람이	11111 - 100	GRADIENT THIERVAL	= -5.00/	5.00		
MACH GP ALPHAW .155	0(PSF) CP1 35.22050 .01537 35.43861 - 01180	CP2 CP3	CP4 03324	CP5 04591	CP6 03442	BETA .00000
.155 36.831 8.12268 .154 52.314 8.11801 GRADIENT .00000	35.4386101180 35.0225603281 34.8668204628 .00000 .00000	0241401163 0446203448 0595104938 .00000 .00000	03240 03104 03983	04583 04492 05322	03197 02999 03787	.00000 .00000 .00000

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## CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K3.1T57H15.6.1F30TS401G5.3.5

(PJF178) ( 01, JUN 76 )

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#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP	=	1339.9100 IN.XC ALPHAW = 10.137 RN/L	= 1.090
LREF = 327.8000 IN. YMRP	=	.0000 IN.YC	= .000
BREF = 2348,0000 IN. ZMRP	=	190.7500 IN.ZC   IORB = 6.000 ELEVON	= -5.000
SCALE = .0400		다. 그리다 살고 하게 얼굴 살았다. 친구는 살길이 가지 않는 때 그리고 싶었다. 그 ^^!! BDFL'AP^=는 111.700 이 그리고 하는다.	

# RUN NO. 178/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	I GP		ALPHAW	QUPSF	) CP1	CP2	CP3	CP4	CP5	CP6	BETA
- 15	i5 11.	327 10	0.13671	35.3161	9 .00435	00756	.00925	04359	05405	04172	.00000
. 15	is 12.	372 10	11352	35.2354	200108	01301	.00387	04321	05378	04138	00000
1 10 10 10			0.12040	35.2187	402248	03423	01992	04025	05178	03689	.00000
. 15	i4 37.	628 10	0.13586	34.8958	605169	06409	05194	04347	05446	-,03694	
. 15	54 53.	046 10	0.21972	34.8910	805322	06662	05425	04461	05528	03847	.00000
	GRADI	ENT	.00000	.0000	0 ,00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF179) ( 01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SREF =	5500.0000 SO.FT.	XMRP = 1339.9100	IN.XC		ALPHAW =	12.198 RN/L	= 1.090
LREF =	327.8000 IN.	YMRP = .0000	IN.YC		STAB =	.000 ELEV	TR = .000
		ZMRP = 190.7500	IN.ZC		10RB =	6.000 ELEV	0N = -5.000
SCALE =	.0400	교육과 일반 등 경기가 되었다.			BDFLAP = -	11.700	

## RUN NO. 179/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH		GP:		ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4		CP5	CP6	BETA
. 155		20,629	12	.19762	35.21546	02669	03862	02210	04822	_	.05765	04224	.00000
. 155		23.973	15	.18723	35.18303	03104	04252	02640	05074		.05897	04385	.00000
. 155		39.967	12	.2!278	34.93052	06098	07354	05948	06198	· -	.07107	05328	.00000
.154		55.451	15	.53156	34.64200	07467	08699	07387	06608	_	.07497	05614	.00000
	G	RADIENT		.00000	.00000	.00000	.00000	.00000	,00000		.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF180) ( D1 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

PARAMETRIC DATA

机电路电路电	이 그렇게 되는 말이 다시하고 뭐라요?				AI PHAW = .151	RN/L = 1.090
SREF	= 5500.0000 SQ.FT.	XMRP = 13	339,9100 IN.XC			ELEVTR = .000
	= 327.8000 IN.	YMRP =	.0000 IN.YC			ELEVON = -5.000
BREF	= 2348.0000 IN.	ZMRP = 1	190.7500 IN.ZC		• • • • • • • • • • • • • • • • • • • •	CCC4011 - 31000
CCALE	- 00.00				BDFLAP = -11.700	

## RUN NO. 180/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW Q(PSF)	CP1 CP2	CP3 CP4 .0052802944	CP5 CP6 0385503137	BETA .00000
,154 11.277 ,154 13.124	.15079 34.64775 .12086 34.65273 .06369 34.58855	.0169600450 .0163300519 0054202633	.00328 .0042703520 0175903362	0444203636 0430703542	.00000
.154 23.148 .153 32.036 GRADIENT	.06369 34.58855 .11875 34.40478 .00000	00342 01280 03409 .00000	0250103118 .00000 .00000	0408303374 .00000 .00000	.00000 00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## (PJF181) ( 01 JUN 76 )

## REFERENCE DATA

						ALPHAW = .167	RN/L =	1.090
SREF	<b>=</b> 5500.0000	SQ.FT. XMRP	= 1339.9100	IN.XC				
	= 327.8000			IN.YC		STAB = -2.000	ELLVIR -	
			= 190.7500			IORB = 6.000	ELEVON =	-5.000
	= 2348.0000	IN ZUKE	- 130.7500	IIV. ZC		BDFLAP = -11.700		
SCALE	<b>-</b> ภษทก					DDI CAI		

## RUN NO. 181/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH - 155 - 155 - 155 - 155	GP 11.278 13.104 23.170 32.033	ALPHAW .16651 .14737 .09380 .14855	Q(PSF) 35.26745 35.18763 35.05219 35.22923	CP1 .02101 .01758 00548 01685	CP2 .00049 00266 02510 03580	CP3 .00590 .00244 02076 03257 .00000	CP4 02210 02666 02078 01914 .00000	CP5 04607 04918 04533 04318	CP6 03381 03737 03422 03286 .00000	BETA .00000 .00000 .00000 .00000
Production and	GRADIENT	.00000	.00000	.00000	.00000		. 00000	.00000	.00000	

CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (PJF182) ( 01 JUN 76 ) (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA ALPHAW = 4.137 RN/L XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT.-2.000 ELEVTR = STAB = LREF = 327.8000 IN. YMRP = .0000 IN.YC ELEVON = 6.000 ZMRP = TORB 190.7500 IN.ZC BREF = 2348.0000 IN. BDFLAP = -11.700SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 182/0 RN/L = .00 CP5---CP6 MACH ALPHAW Q(PSF) CP1 CP2 CP3 CP4 -.02209 .01574 .02427 -.01260 -.03455 4.13687 35.06608 .03079 . 155 11.331 -.01706 .01833 -.00827 -.03073 . 155 4.11643 35.11089 .02551 .00998 13.177 -.00714 -.01694 .00693 -.00773 -.00099 -.03078 4.09585 35.32588 . 155 22,430 -.00939 -.03304 -.01894 -.02189 . 155 38.543 4.12323 35.26054 -.01269 -.02824 -.03617 -.01347 -.03628 -.02200 . 155 53.475 4.17693 35.19707 -.02597 -.04152 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 .00000 ( 01 JUN 76 ) (PJF183) (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

REFERENCE DATA

XMRP =

YMRP =

ZMRP

1339.9100 IN.XC

190.7500 IN.ZC

.0000 IN.YC

5500.0000 SQ.FT.

= 327.8000 IN.

.0400

BREF = 2348.0000 IN.

LREF

SCALE =

RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 RUN NO. 183/ 0

	MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
	.155	11.341	6.17988	35.17824	.02995	.01608	.02663	01306	03332	01998	.00000
	.155	12.842	6.15280	35.19307	.02915	.01470	.02546	01532	03547	02232	.00000
	. 156	21.952	6.14440	35.42428	.00473	00981	00078	01189	03270	01827	.00000
	. 155	37.820	6.20852	35.17541	01856	03329	02519	00756	02933	01307	.00000
ė.	.155	53.470	6.18876	35.28403	03073	04557	03808	01572	03672	02088	.00000
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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1.090

.000

-5.000

1.090

.000

-5.000

BETA

.00000

.00000

.00000

.00000

.00000

.00000

PARAMETRIC DATA

RN/L

ELEVIR =

ELEVON =

6.180

6.000

-2.000

-11.700

ALPHAW =

STAB =

BOFLAP =

10RB

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## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF184) ( 01 JUN 76 )

## PARAMETRIC DATA

	SREF :	- 5500.0000	SQ.FT. XM	RP = 1339.9	100 IN.XC			ALPHAW =	8.158	RN/L =	1.090	
i.	LREF :	327.8000	IN. YM	IRP = .0	000 IN.YC		etabelik (vigaleja	STAB =	-2.000	ELEVTR =	.000	
	BREF :	= 2348.0000	IN. ZM	RP = 190.7	500 IN.ZC			IORB =	6.000	ELEVON =	-5.000	
	SCALE :	.0400						BDFLAP =	-11.700			
			RUN	NO. 1847 0	RN/L =	.00 GRADIEN	IT INTERVAL =	-5.00/ 5.00				
	사람화 내가											
		MACH G	- Δ1	PHALL OIPS	CDI	CDO	CDZ	CP4 CP5	CPÉ	PETA		

MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	СРБ	BETA
. 154	11.340	8.15784	34.75909	.01969	.00677	.01866	01446	03365	02016	.00000
.155	12.382	8.14386	35,23086	.02031	.00734	.02027	01850	03703	02324	.00000
. 155	21.755	8.13647	35.18282	00237	01570	00520	01326	03317	01730	.00000
.156	37,741	8.13121	35,49264	02627	03998	03124	01750	03762	02073	.00000
. 155	53.210	8.25418	35.25425	03816	- 05267	04387	02637	04620	02826	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## (PJF185) ( 01 JUN 76 )

	REFER	ENCE DATA				PARAMETRIC D	ATA
		SO.FT. XMRP	 		ALPHAW =		N/L = 1.090
	= 2348.0000				STAB =	-2.000 E	
SCALE	= ,0400				BDFLAP =	-11.700	

## RN/L = .00 GRADIENT 'NTERVAL = -5.00/ 5.00

MACH	GP GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
.155	11.327	10.17510	35.13865	.01141	00131	.01265	02398	04092	02712	.00000
. 155	12.573	10.15381	35.19197	.01291	.00027	.01491	02918	04685	03300	.00000
. 155	21.487	10.15478	35.10964	01409	02624	01405	02282	04076	02351	.00000
.156	37.820	10.17714	35.43676	03886	05341	04252	03035	04828	02976	.00000
. 155	53,244	10.19058	35.25477	05488	06843	05800	03702	05537	03630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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(PJF186) ( 01 JUN 76 )

	.1TS7H15.		

## PARAMETRIC DATA

	REFERENCE L			PARAMETRIC DATA	
SREF LREF BREF SCALE	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN. = .0400	. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.161 RN/L STAB = -2.000 ELEVT IORB = 6.000 ELEVC BDFLAP = -11.700	
		RUN NO. 186/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
	MACH GP .156 20.614 .155 23.969 .155 39.988 .155 55.464 GRADIENT	ALPHAW Q(PSF) CP1 12.16056 35.4351902341 12.15201 35.1802903183 12.17697 34.9958606302 12.20100 35.0851507233 .00000 .00000 .00000	CP2 CP30353202186043900306607574065730859107485 .00000 .00000	CP4 CP5 CP6038070544303768044390608304307046370632304193056970742005320 .00000 .00000 .00000	BETA .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7H15.6.	1F30TS401G5.3.5	(PUF187) (	01 JUN 76 1
	REFERENCE E	DATA TO THE STATE OF THE STATE		PARAMETRIC DATA	
SREF LREF BREF SCALE	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN. = .0400	. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = .179 RN/L STAB = -4.000 ELEVT IORB = 6.000 ELEVC BDFLAP = -11.700	
		RUN NO. 187/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
	MACH GP .155 11.278 .155 13.977 .156 24.041 .155 32.911 GRADIENT	ALPHAW 0(PSF) CP1 .17917 34.98679 .02453 .13823 35.17663 .01596 .12554 35.41403 .00015 .17216 35.1476301070 .00060 .00000 .00000	CP2 CP3 .00249 .00949 00540 .00006 0209401644 0314902737 .00000 .00000	CP4         CP5         CP6          02721        04929        03828          02212        04439        03274          02294        04658        03566          02575        64946        03854           .00000         .00000         .00000	BETA .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS40495.3.5

(PJF188) ( 01 JUN 76 )

D۲	_	=	0	T-1	J٢	_	n	Α٦	Λ.	

## PARAMETRIC DATA

SRE	F =	5500,0000	SQ.FT.	XMRP =	1339.9100	IN.XC					ALPHAW		RN/L =	1.090
LRE	F =	327.8000	IN.	YMRP =	.0000	IN.YC					STAB	-4.000	ELEVTR =	.000
BRE	F =	2348.0000	IN.	ZMRP =	190.7500	IN.ZC					IORB	= 6.000	ELEVON =	-5.000
SCA	LE =	.0400					1 2 2				BDFLAP	= -11.700		
	tija dia	집 : 본래 : 10년 :												
	机喷气泵			DI IN NO	1997 D P	M21 =	O O	GRADIENT IN	JTERVAL =	. <u>∸</u> Fa.	nn/ 5 an			

MACH GP	ALPHAW	Q(PSF) CP	1 CP2	CP3	CP4	CP5	CP6	BETA
.155 [1.33]	4.12189	35.27228 .0	3565 .01828	.02803	01531	03716	02433	.00000
.155 12.969	4.09897	35.25493 .0	2904 01214	.02035	01417	03521	02233	.00000
.155 22,222	4.10250	35.19107 .0	109500552	.00171	01280	03578	- 02244	.00000
.156 38.341	4.13151	35.481030	163503295	02764	00377	02775	01358	.00000
.155 53.296	4.17748	35.168370	237404016	03477	01347	03751	02213	.00000
GRADIENT	.00000	.00000 .0	00000.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30T5401G5.3.5

## (PJF189) ( 01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SREF	=	5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC			ALPHAW =	6.123	RN/L =	1.090
LREF	=	327.8000	IN.	YMRP =	.0000	IN.YC			STAB =		ELEVTR =	.000
BREF	=	2348.0000	IN.	ZMRP =	190.7500	IN.ZC			iORB =	6.000	ELEVON =	-5.00C
SCALE	= -	.0400							BDFLAP =	-11.700		

## RUN NO. 189/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341	6.12251	35.11914	,03175	.01660	.02720	-,01261	03425	02064	.00000
.155	12.617	6.09910	35.11102	.03210	.01662	.02676	01260	03378	02031	.00000
. 155	21.716	6.11690	35.33310	.00597	00933	00115	00556	02778	01243	.00000
.155	37.600	6.14251	35.34775	01669	03231	02538	00532	02827	01198	.00200
.!50	53.247	6.20076	35.44393	02943	04614	03938	01818	03985	02387	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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## CA-8 - FORCE SOURCE DATA TABULATION

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#### (CA-8) K3,1TS7H15.6.1F30TS401G5.3.5

(PJF190) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 1N.XC	= 1.090
LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = -4.000 ELEVTI	R = .000
BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC IORB = 6.000 ELEVO	N = -5.000
# SCALE; = ###################################	
육 회속회문 교육은 이 전경으로 발견하는 하는데 보다 그는 그 동생이고 하는데 하는데 등하는데 되는데 가는데 되었다.	
RUN NO. 190/ 0 RN/L =	
MACH GP ALPHAW Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6	

MACH	GP			ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	 CP6	BETA
. 155	1.0	. 342		8.15313	35.31843	. 02983	.01570	.02852	01916	03865	02495	.00000
. 155	11	. 345		8.14928	35,26797	.02376	.00982	.02175	01962	03926	02561	.00000
.156	20	. 753	100	8.14155	35.44269	.00149	01323	00164	- ,01888	03938	02381	.00000
. 155	36	.689		8.13589	35.06674	02414	03931	03059	01849	03877	02215	.00000
. 155		. 173	nin et indire. Valida et indire	8.22759	35.19598	03468	04929	04126	02118	04229	02401	.00000
	GRAD	IENT		.00000	.00000	.00000	.00000	.00000	 .00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF191) ( 01 JUN 76 )

## - REFERENCE DATA

#### PARAMETRIC DATA

	医骶骨切除 医皮肤管 计										
			XMRP =	1339.9100	IN.XC			ALPHAN =	10.190	RN/L	= 1.090
LREF =	327.8000	IN.	YMRP =	.0000	IN.YC			STAB =	-4.000	ELEVTR	= .000
BREF =	2348.0000	IN.	ZMRP =	190.7500	IN.ZC	医乳管性 医二种		IORB =	6.000	ELEVON	= -5.000
SCALE =	.0400							BDFLAP =	-11.700		
医多种多种 精質											

## RUN NO. 191/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP ALPHAW	Q(PSF) CP1	Cb5	CP3	CP4	CP5	CP5	BETA	
. 155	11.327 10.19011	35.19579 .00706	00523	.00723	02055	03929	02354	.0000	10
. 155	12.473 10.17280	34.97169 .01221	00098	.01257	02244	04134	02614	.0000	0
. 155	21.415 10.17367	35.1803201221	02532	01294	02916	04832	03179	.0000	0
. 156	37.749 10.18973	35.4789704122	05541	04635	02785	04681	02706	.0000	10
.155	53.166 10.20252	35.3253605023	06513	05532	04103	05993	04106	.0000	0
	GRADIENT .00000	.00000 .00000	.00000	.00000	.00000	.00000	.00000	.0000	0

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF192) ( 01 JUN 76 )

RFF		

SREF	= 5500.0000	SQ.FT. XMRP	= 1339.910	O IN.XC
LREF :	= 327.8000	IN. YMRP	= .000	O IN.YC
BREF :	= 2348.0000	IN. ZMRP	= 190.750	O IN.ZC
SCALE :	0400			

#### PARAMETRIC DATA

ALPHAW	= 12.151	RN/L =	1.090
STAB	= -4.000	ELEVTR =	.000
IORB	= 6.000	ELEVON =	-5.000
BOFLAP	= -11.700		

## RUN NO. 192/ 0 RN/L = .00 GRADIENT INTERVAL = -5 00/ 5.00

. Di	Section 1985										
	MACH		SP	ALPHAW	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6	BETA
	. 155		20.596	12.15067	35.1774601683	02880	01550	04667	06440	04811	.00000
	. 155		23.937	12,14191	35.1425003401	04621	03398	04033	05791	03977	.00000
	. 155		39.941	12.16065	34.9428805660	06983	05868	04962	06825	04774	,00000
	. 155		55.415	12.19017	35.2885107299	~.08620	07616	05874	07773	05588	.00000
		GR.	ADIENT	,00000	.00000 .00000	.00000	.00000	.00000	.00000	.00000	.00000

(CA-8) K3.1TS7 F30T5401G5.3.5

(PJF193) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SQ.FT.	XMRP = 1339.9100 IN.XC
LREF = 327.8000 IN.	YMRP = .0000 IN.YC
BREF = 2348.0000 IN.	ZMRP = 190.7500 IN.ZC
CO. 1 C	

#### PARAMETRIC DATA

ALPHAW =	.128	RN/L =	1.090
IORB =	6.000	ELEVON =	-5.000
DOET AD	-11 700		

SCALE = .0400

RUN NO. 193/ 0			

MACH	GP	ALPHAW	O(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.277	.12795	35.28756	.02521	.00390	.00927	02006	04723	03507	.00000
.155	14.394	.09504	35.16769	.02187	.00101	.00471	01940	04533	03392	.00000
.155	24.439	.11743	35.25980	.00217	01844	01536	01416	-,04118	03070	.00000
.156	33.301	. 14384	35.39672 -	.00991	02890	02751	01369	04175	03052	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

					10				M.
D	A	ΤE	1	06	J	UL	•	76	

BREF = 2348.0000 IN.

SCALE = .0400

#### CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7 F30TS401G5.3.5 (PJF194) ( 01 JUN 76 ) PARAMETRIC DATA SREF = 5500,0000 SQ.FT. XMRP = 1339,9100 IN.XC 1.090 ALPHAW = 4.126 RN/L = LREF = 327.8000 IN. YMRP = .0000 IN.YC IORB = 6.000 ELEVON = -5.000 ZMRP = 190.7500 IN.ZC BDFLAP = -11.700RUN NO. 1947 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

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PARAMETRIC DATA

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 157	11.331	4.12594	36.09143	.03596	.01988	.02661	00349	03020	01643	.00000
. 155	13.482	4.09960	35.15022	.03392	.01865	.02430	00282	02873	01609	.00000
. 156	22.767	4.15943	35.38733	.01535	00001	.00465	00038	02771	0!435	.00000
. 155	38.878	4.11715	35.13567	01138	02667	02379	.00085	02694	01258	.00000
. 155	53.826	4.16426	35.26370	02250	03737	03540	00259	03027	01542	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(PJF195) ( 01 JUN 76 ) (CA-8) K3.1T57 F30TS401G5.3.5

## REFERENCE DATA

REFERENCE DATA

#### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC1.090 ALPHAW = 6.186 RN/L = LREF = 327.8000 1N. YMRP = .0000 IN.YC 6.000 ELEVON = -5.000 10RB = BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZCBDFLAP = -11.700SCALE = .0400

	RUN NO. 1957 0 RN/L	= .00 GRADIE	NT INTERVAL =	-5.00/ 5.00	
	사람의 보험하는데 된 점점이다.				
MACH GP	ALPHAW O(PSF)	CPI CP2	CP3	CP4 CP5	CPE

- 1	MUH	GP GP	ALPHAM	U(P5F)	CPI	CPS	CP3	CP4	CP5	CPB	BEIA
	. 155	11.341	6.18562	35.13906	.03517	.02231	.02825	-,00147	02582	01251	.00000
	. 155	13.422	6.15900	35,21092	.03431	.02109	.02667	00670	03130	01795	.00000
	. 155	22.524	6.12838	35 25193	.01042	00245	.00163	.00034	02545	0!079	.00000
	. 155	38.427	6.13026	35.29861	01430	02709	02461	00011	02604	01039	.00000
Ma.	. 155	54.071	6.21619	35.23734	02600	03998	03694	00598	03203	01616	.00000
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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SREF	<b>≃</b> 550(	REFERENCE (			K3.1157	F30TS40165.3.5				(PJF196) ARAMETRIC DAT	PAGE 496 ( 01 JUN 76 ) A
LREF BREF SCALE	= 327 = 2348	7.8000 IN. 3.0000 IN. .0400	YMRP :	= .0000 = 190.7500	I IN. YC			IOR	T	8.187 RN/ 6.000 ELE -11.700	L = 1.090 VON = -5.000
	MACH	GP	RUN NO.		N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	.155 .155 .155 .155 .155	11.340 12.785 22.173 38.137 53.641 GRADIENT	ALPHAW 8.18656 8.16513 8.15057 8.14933 8.22354 .00000	0(PSF) 35.06438 35.25659 35.32282 35.0878] 35.26931	CP! .02909 .02523 .00183 02684 03747 .00000	03837	.01970 00446 03594	CP4 00828 00920 00941 00664 01935	CP5 03171 03246 03386 03272 04397	01870 01850 01462 02602	BETA .00000 .00000 .00000 .00000 .00000
		REFERENCE D		(CA-8)	<3.1TS7	F30TS401G5.	3.5			(PJF197)	( 01 JUN 76 )
		TELLENUE II									
			AIA						PA	RAMETRIC DATA	
LREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP = YMRP = ZMRP =	.0000	IN.YC			IORE	HAW = 3 =	RAMETRIC DATA 10.192 RN/L 6.000 ELEV 11.700	
LREF BREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP = YMRP = ZMRP =	.0000 190,7500	IN.YC	GRADIENT I	INTERVAL =	I ORE BDFL	HAW = 3 = _AP = -	10.192 PN/L 6.000 ELEV	= 1.090

DATE OS JUL 75	CA-8 - FORCE SOURCE DATA TABULAT	ION	PAGE 497
다는 말라고 말라고 있는 데 그를 다고. 19.  - 프라마스 - 프라마스	(CA-B) K3.1TS7	F301S40165 3.5	(PJF198) ( 01 JUN 76 )
REFERENCE D	사 사람들이 가게 하는 사람이 가르게 되고 있다. 사람들이 ATA 하는 사람은 일본이 있는 사람들이 있습니다.		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT, LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.168 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 198/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
MACH GP .155 20.579 .155 23.917 .155 39.966 .156 55.422 GRADIENT	ALPHAW 0(PSF) CP1 12.16783 35.1556301672 12.15120 35.1127802705 12.15908 35.2700605901 12.22405 35.3645407037 .00000 .00000 .00000	CP2 CP30257401390037520310307005065490817407739 .00000 .00000	CP4         CP5         CP6         BETA          03556        05584        03902         .00000          03080        05112        03403         .00000          03862        05952        03923         .00000          05118        07172        05095         .00000           .00000         .00000         .00000         .00000
	(CA-8) K3.1TS7H15.6.	.1F30TS401G5.3.5	(PUF199) ( 01 JUN 76 )
REFERENCE D			PARAMETRIC DATA
SREF = 5500.0000 SO.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = .171 RN/L = 1.090 STAB = -2.000 ELEVTR = 17.000 IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 1997 0 RN/L = .00	GRADIENT INTERVAL =	-5,00/ 5.00
MACH GP .155 10.239 .155 11.278 .155 13.754 .155 23.807	ALPHAW 0(PSF) CP1 17100 35.11180 .02354 19111 35.14508 .02047 .15292 35.17313 .01360 .11541 347772 .00118	CP2 CP3 .00355 .01018 .00124 .0083600495000710165901311	CP4 CP5 CP6 BETA026020508603785 .00000027370517703887 .00000023030474903470 .0000002012049803278 .00000009160348502349 .00000

-.02760

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-.01014

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-.04498 -.03485

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-.00916

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-.02450

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Vision of

.155

32.685

GRADIENT

.12886

.00000

35,13663

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## (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(PJF200) ( 01 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

SREF LREF	=	5500.0000 327.8000			.9100 IN.XC				LPHAW = STAB =	4.098 -2.000	RN/L = ELEVTR =	1.090
BREF SCAL		2348.0000			.7500 IN.ZC			1	ORB =	6.000	ELEVON =	17.000 -5.000
			RUN N	0. 200/ 0	RN/L =	.00 GRADIE	NT INTERVAL =			-11.700		

						OUVDIEM	THICKANC	5.00/	. 5.00		
MACH 15 15 15	5 5 5 5 5	GP 11.331 13.518 22.788 38.902 53.854 RADIENT	ALPHAW 4.09756 4.13818 4.11673 4.15753 4.22088 .00000	Q(PSF) 35.04581 35.06997 35.34616 35.30301 35.13561 .00000	CP1 .03786 .02796 .00815 01133 02427 .00000	CP2 .02404 .01437 00500 02413 03743 .00000	CP3 .03083 .02071 00054 02168 03570 .00000	CP4 00577 00212 .00054 .00056 00483 .00000	CP5 02882 02570 02385 02427 02947 .00000	CP6 01626 01271 00908 00977 01521 .00000	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF201) ( 01 JUN 75 )

	SREF	=	5500.0000	SO.FT.	XMRP	= 1339	9.9100	IN XC			ALPHAW	_ 1.16	C 177	ONL		
- 11	LREF	= '	327.8000	TAI	YMRP							= ' '	6.137	RN/L	==	1.090
						. 44.1	• 0000	IN.YC			STAB	=	-2.000	ELEVTR	=	17.000
	BREF	# :	2348.0000	IN.	ZMRP	= 191	7500	IN 7C								
	SCALE				-, ", ",			114.46			IORB	=	6.000	ELEVON	= '	-5.000
, i. i	DOWFE	7	.0400								BDFLAP		-11.700			
					and the state of the state of the						BUFLAP	=	-11.700			

		11011 110.	TOTA O MINAT	00	GRADIENI	INIERVAL	= -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341	6.13657	35.28124	.03418	.02328	.02969	00762	02885	01562	.00000
.155	13.124 22.221	6.10784 6.13077	35.20223	02937	.01813	.02451	00465	02659	01349	.00000
.155	38.105	6.11451	35.16786 35.22798		00470 02733	.0010 02442	00599	02790	01390	.00000
. 155	53.755	6.19560	35.29688		02733 03952	03730	.00105 00983	02146 03270	00623 01658	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	00000	00000	01000	00000

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS40165.3.5

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## (PJF202) ( 01 JUN 76 ) PARAMETRIC DATA

## REFERENCE DATA

LREF =	5500.0000 327.8000 2348.0000	IN.		.0000	IN.XC IN.YC IN.ZC	
SCALE =	.0400					

ALPHAW = STAB = LORB =	6.000	RN/L ELEVTR ELEVON	1.090 17.000 -5.000
RDFLAP =	-11.700		

# RUN NO. 202/ C RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH .155 .155 .155 .155 .155	GP ALPHAW 11.340 8.19080 11.939 8.13424 21.325 8.12121 37.305 8.12317 52.790 8.18494 GRADIENT .00000	34.99801 .0 35.281070 35.292550 35.276250	1 CP2 2246 .01231 1943 .00958 0063 -01137 229903393 395905128 0000 .00000	3 .01658 7 ~.00536 302930 304719	CP4 01170 00965 00488 01595 02002 .00000	CP5 03148 02922 02616 03727 04188 .00000	CP6 01790 01617 01005 02059 02345 .00000	BETA .00000 .00000 .00000 .00000 .00000
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(CA-B) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF203) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100	IN.XC
LREF = 327.8000 IN. YMRP = .0000	IN.YC
BREF = 2348.0000 IN. ZMRP = 190.7500	IN.ZC
court = ninno	

## PARAMETRIC DATA

ALPHAW =	10.129	RN/L =	1.090
STAB =		ELEVTR =	17,000
IORB =	6.000	ELEVON =	-5.000
ROFLAP =	-11.700		

# RUN NO. 203/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAN Q(PSF) CP1 CP2  .155 10.368 10.12860 35.17497 .01747 .00737  .155 11.327 10.14470 35.19063 .01100 .00164  .155 11.828 10.12552 35.11557 .01390 .00490  .155 20.751 10.12340 35.129490147602487  .155 37.109 10.13771 34.965840360904627  .156 52.535 10.23577 35.435200490805977  .6RADIENT .00000 .00000 .00000	CP3         CP4         CP5         CP6         BETA           .01747        02124        03953        02613         .00000           .01072        01874        03806        02355         .00000           .01431        02855        04163        02820         .00000          01779        01372        03302        01554         .00000          04046        02125        04018        02144         .00000          05412        03396        05334        03410         .00000           .00000         .00000         .00000         .00000         .00000
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( D1 JUN 76 )

101 01	- 1 A - 1			
(CA-8)	K5. I	157H15 6	1F30T540165	
			10001540165	ं ४ 5

R	Ε	F	F	R	F	N	^	_	'n	٨	٣	A	

## (PJF204) PARAMETRIC DATA

30	LREF	= 327.8000		MRP = 1339.9	100 IN.XC					
	BREF	= 2348.0000		MRP = .O	000 IN.YC			ALPHAW =	12.192 RN/L	= 1.090
	SCALE	- 0400		MRP = 190.7	500 IN.ZC			STAB =	-2.000 ELEVTI	
4								10RB =	6.000 ELEVO	
			RUN	NO. 204/ D				BDFLAP =	-11.700	
1				,,, E047 0	RN/L = .0(	GRADIENT 1	INTERVAL = -5	00/ E 00		
			aL.	PHAW QUEST	· and			.007 5.00		
		.155 g		0274 7E 200		CP2	CP3 CPI			

MACH	5.00	
.155	CP2 CP3 CP4 CP5 CP6 BETA 80296902049039780569204061 .00000 80436603615036880536303573 .00000 20672506180042120592303966 .00000 2080690753706180	5
.00000 .00000.	0 .00000 .00000 .00000 .00000 .00000 .00000	

(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## REFERENCE DATA

#### (PJF205) ( 01 JUN 76 ) PARAMETRIC DATA

.00000

SRFF -	EE00 0000					
LREF =	5500.0000	SQ.FT.	XMRP	= 1339	.9100 IN.	,
CUEL =	327.8000	IN.	YMRP		0000 114.7	

LREF = 327.8000 IN.	Chin - 1222-2100 IN XC
	YMRP = .0000 IN.YC
-5.0.000 110	ZMRP = 190.7500 IN.ZC
SCALE = .0400	13017360 IN.ZC

Ċ	机重压性纸 國際問題 医二	ALPHAW =	.134	RN/L. =	1.090
C	이 그 화 독일이 잘 모습했다.	STAB = IORB =	-2.000	ELEVIR =	- 000
		DDELLO	-11.700	ELEVON =	-000

MACH	GP GP	XI Duwi	발로 마음하다 그리는데	U GRADIENT	INTERVAL	= -5.00/	5.00		
.156 .155 .155 .155	11.277	.09492 35 .10338 35 .03385 35	Q(PSF) CP1 -44503 .03033 .19829 .02055 .11065 .00084 .0277100977 .00000 .00000	CP2 .01016 .00077 01797 02854 .00000	CP3 .01753 .00654 01411 02541 .00000	CP4 01866 - 01735 01781 01144	CP5 04563 04400 04461 03904	CP6 03240 03087 03259 02712	BETA .00000 .00000 .00000
					.00000	.00000	.00000	.00000	.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DAT			

## CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(PJF206) ( 01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = 4.242 RN/L = 1.090 STAB = -2.000 ELEVIR = .000 IORB = 6.000 ELEVON = .000 BDFLAP = -11.700
MACH GP .155 !1.332	RUN NO. 206/ 0 RN/L = .00 GRADIENT INTERVAL  ALPHAW Q(PSF) CP1 CP2 CP3 4.24199 35.17279 .03895 .02434 03199	= -5.00/ 5.00 CP4

.155	ALPHAW Q(PSF) 4.24199 35.17279 4.21655 35.05311 4.19487 35.03190 4.16311 34.76265 4.08722 35.05737	.03895 .02809 .01067	CP2 CP3 .02434 .03199 .01462 .02044 .00257 .00248 .02443 -02203 .03793 .03532	.00130 00073 .00465	029140 025760 027500 022810	P6 BETA 01417 .00000 01064 .00000 01268 .00000 00699 .00000
.155 54.100 GRADIENT	4.08722     35.05737       .00000     .00000	02460	0379303532 00000 .00000		030240	00000 01436 .00000 00000 .00000

#### (CA-8) K3.1TS7H15.6.1F30TS40165 3 5

(PJF207) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500	.0000 SQ.FT.	YMPP = 1	K.NI 0018.988	<b>,</b>	기가 되는 것이 가지 않는			
	.8000 IN.	YMRP =	.0000 IN.Y			ALPHAW = 6.119	RN/L =	1.090
BREF = 2348	.0000 IN.		190.7500 IN.Z				ELEVTR =	.000
SCALE =	.0400		130.7300 114.2	20			ELEVON =	.000
보다는 경우하다는 그는 병원	70,00					BDFLAP = -11.700		

이 생물에 보다면 보다 하다고 있었다. 이 발표하게 되었다고 있는 것이다.	RUN NO.	207/ 0 RN/L	= .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP .155 11.341 .155 13.358 .155 21.794 .155 37.516 .155 53.466 .155 63.765 GRADIENT	ALPHAW 6.11909 6.0859 6.07616 6.18188 6.16097 6.10834 .00000	Q(PSF) 35.16862 35.09309 35.02691 35.01811 35.31986 35.17920 .00000	CP1 .03525 .03223 .01146 01328 02566 03121 .00000	CP2 .02411 .02054 .00019 02462 03711 04244 .00000	CP3 .02951 .02648 .00443 02265 03539 04057	CP4 00511 00236 .00201 00599 00892 .00000	CP5029840276502409027140324903503	CP6 01591 01236 00757 01056 01545 01860	BETA .00000 .00000 .00000 .00000 .00000

## CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF208) \* ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = LREF = 327.8000 IN. YMRP =	.0000 IN.YC	ALPHAW = 8.086 STAB = -2.000 IOR9 = 6.000	
BREF = 2348.0000 IN. ZMRP = SCALE = .0400	190.7500 IN.ZC	BDFLAP = -11.700	

RIIN NO	208/	n RN/L	= .00	GRADIENT	INTERVAL =	-5.00/	5.00
11011 1101							

. 155   16 . 155   21 . 155   37 . 155   56 . 156   74	ALPHAW .340 8.08564 .627 8.05811 .607 8.08122 .456 8.17539 .939 8.16581 .071 8.27298 IENT .00000	Q(PSF) CP1 35.18854 .03062 35.12294 .02527 35.07387 .00078 35.2814102165 35.2807003550 35.4518104822 .00000 .00000	.01683 .0 008340 031430 045560 058380	3 CP4 272900966 216100419 044800234 299200712 443301255 571002403 0000 .00000	CP5032950278302651032270377904949	CP6018910129601070014180185903053	BETA .00000 .00000 .00000 .00000 .00000
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## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## (PJF209) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 55	00.0000 SQ.F	T. XMRP =	1339.9100			ALPHAW = 10.183 STAB = -2.000	RN/L = ELEVIR =	1.090
LREF = 3				IN.YC IN.ZC		IORB = 6.000	ELEVON =	.000
SCALE =	.0400					BDFLAP = -11.700		

			INTERVAL =	
	209/ 0			

MACH OP ALPHAW Q(PSF) CP1 .156 11.327 10.18343 35.35490 .01760 .155 12.717 10.15406 34.99359 .00632 .155 21.237 10.15666 34.9511301075 .154 37.762 10.16761 34.7820804116 .155 52.991 10.18296 34.9750504999	CP2 CP3 CP4 .00951 .016130175700053 .0044601512018440139601967059680564703129075090728404460	CP5 CP6039340249803651021350420402499037630173305369037700675704791	BETA .00000 .00000 .00000 .00000
.156 84.665 10.31574 35.3691006611	075090728404460	0675704791	.00000
GRADIENT .00000 .00000	.00000 .00000 .00000	.00000 .00000	

PAGE 503 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (PJF210) ( 01 JUN 33 ) (CA-8) K3.1TS7H15.6.1F30T540165.3.5 PARAMETRIC DATA REFERENCE DATA RN/L 12.134 ALPHAW = .000 XMRP = 1339.9100 IN.XC ELEVIR -2.000 SREF = 5500.0000 SQ.FT. STAB = .000 .0000 IN.YC YMRP = ELEVON = 6.000 = 327.8000 IN. IORB = LREF ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN. -11.700BDFLAP = .0400 SCALE = GRADIENT INTERVAL = -5.00/ 5.00 .00 RUN NO. 210/ 0 RN/L = BETA CP5 CP4 CP3 CPI CP2 Q(PSF) .00000 ALPHAW -.04471 -.02806 MACH -.02511 -.02703 -.03133 -.02421 .00000 35.15175 . 155 12.13407 -.03466 20.611 -.05229 -.03195 -.02777 -.03179 -.02571 .00000 35.10059 -.03316 . 155 12.11691 23.736 -.05366 -.03335 -.05980 -.06169 -.05460 34.99248 .00000 12.14005 -.05138 .155 40.062 -.07147 -.07654 -.05171 -.07050 -.07831 35.09716 .00000 12.22277 -.06265 55.364 -.08180 . 155 -.06259 -.09425 -.09614 -.08774 .00000 35.12436 .00000 12.24965 84.701 .00000 .00000 .155 .00000 .00000 .00000 .00000 GRADIENT .00000 (PUF211) ( 01 JUN 76 ) (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA .213 RN/L = ALPHAW = .000 XMRP = 1339.9100 IN.XCELEVTR = 5500.0000 SQ.FT. -4.000 STAB = SREF = -5.000 YMRP = .0000 IN.YC ELEVON = 6.000 IORB = 327.8000 IN. LREF ZMRP = 190.7500 IN.ZC .000 2348.0000 IN. BDFLAP = BREF = SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 211/ 0 RN/L = .00 CP6 BETA CP5 CP4 CP2

.00941

.00684

-.01198

-.02464

.00000

.00000

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-.02496

-.02890

-.02680

-.02206

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-.03825

-.04172

-.03858

-.03290

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-.01260

-.01601

-.01235

-.00708

.00000

.01916

.01288

-.00759

-.02044

.00000

CP1

.03160

.02715

.00757

-.00538

.00000

Q(PSF)

34.97913

35.03679

35.00980

34.89072

.00000

ALPHAW

.21332

.16906

.11848

.04626

.00000

11.278

14.830

24.521

33.428

GRADIENT

MACH

. 155

.155

.155

. 154

## (CA-8) K3.1TS7H15.6.1F30TS40205.3.5

(PJF212) ( 01 JUN 76 )

## REFERENCE DATA

SREF LREF BREF SCALE	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPH STAB IORB BDFL	-	4.137 RN/L 4.000 ELEV 6.000 ELEV .000	rr = .0	100
			RUN NO.	212/ 0 RM	//L = .00	GRADIENT	INTERVAL =	-5.00/ 5	.00			
	MACH -156 -156 -155 -155 -155	GP 11.331 14.211 22.339 38.399 53.485 GRADIENT	ALPHAW 4.13723 4.10939 4.08071 4.16154 4.08856 .00000	0(PSF) 35.38172 35.38690 35.23808 34.95222 34.92491 .00000	CP1 .04431 .03463 .01739 00622 02084 .00000	CP2 .02887 .02000 .00305 01932 03431 .00000	CP3 .03815 .02786 .00923 01616 03095 .00000	CP4 00153 00400 .00488 .00640 .00070	CP5 02707 02989 02142 02145 02727 .00000	CP6 01279 01579 00583 00631 01178 .00000	BETA .00000 .00000 .00000 .00000 .00000	
				(CA-8) k	3.1TS7H15.6	.1F30T5402G5	.3.5			(PJF213)	01 JUN 76	1
REFERENCE DATA									PAR	AMETRIC DATA		
LREF	= 327. = 2348.	.0000 SO.FT. .8000 IN. .0000 IN.	XMRP = YMRP = ZMRP =					ALPH/ STAB IORB	=	6.140 RN/L 4.000 ELEVI 6.000 ELEVI		00

SCALE		.0000 IN. .0400	ZMRP	= 190.7500 H	I.ZC				RB = TLAP =	6.000 ELEVO .000	00 = -5.00
			RUN NO.	213/ 0 RN/I	= .00	GRADIENT	INTERVAL	= -5.00/	5.00		
	MACH	GP	ALPHAW	Q(PSF)	CPI	Cb5	CP3	CP4	CP5	CP6	BETA
	.156	11.341	6.13964		.03544	.02426	.03061	.00387	02171	00638	.00000
	. 155	12.723	6.11435		.03330	.02270	.02838	.00124	02504	00957	.00000
	. 155	21.914	6.09204		.01085	.00035	.00391	.00265	02341	00848	.00000
	. 154	37.637	6.07714	34.83985	00863	01886	0:743	.00508	02251	00634	.00000
	. 155	53,467	6.15550	35.15134	01874	02962	02872	00392	03070	01403	.00000
	. 155	63.943	6.22851	35,14378	02826	03925	03808	00801	03518	01840	.00000
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000



DATE 06 JUL 78

### CA-B - FORCE SOURCE DATA TABULATION

PAGE 505

			FRATSU	

(PJF214) ( 01 JUN 76 )

		REFERENCE D	ATA					PARAMETRIC DATA				
LREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 I .0000 I 190.7500 I	N.YC			STA IOR	B = -4 B = 6	.192 RN/L .000 ELEVTR .000 ELEVON		
			RUN NO. 8	2147 0 RN7	L = .00	GRADIEN	T INTERVAL =	-5.00/	5.00			
	MACH .155 .155 .155 .154 .154 .155	GP 11.340 12.812 22.061 37.903 53.432 74.513 GRADIENT	ALPHAW 8.19250 8.17081 8.15761 8.15595 8.14856 8.20880 .00000	Q(PSF) 35.16064 35.16131 35.07761 34.75743 34.63596 34.92976 .00000	CP1 .02873 .02513 00006 02093 03231 04490 .00000	CP2 .02114 .01794 00833 02905 04116 05343 .00000	CP3 .02619 .02226 00532 02843 04010 05306 .00000	CP4 .00012 00533 .00086 00223 01280 01827 .00000	CP5 02451 02990 02510 02873 03922 04506 00000	CP6 00987 01502 00801 01067 02078 02626 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000	
				(CA-8) K3	.1TS7H15.6.	1F30TS402G	5.3.5			(PJF215) (	01 JUN 76 )	
		REFERENCE D	ATA						PARA	METRIC DATA		
LREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 II .0000 II 190.7500 II	V.YC			STA 7 OR	B = -4 B = 6	.124 RN/L .000 ELEVTR .000 ELEVON		
			RUN NO. 2	157 0 RN/1	- = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH .155 .155 .155 .155 .155 .155	* GP 11.327 12.391 21.158 37.501 52.808 81.508 GRADIENT	ALPHAW 10.12370 10.09576 10.09599 10.10972 10.11733 10.25625 .00000	Q(PSF) 35.01630 34.36679 35.07438 35.24395 35.11158 35.25599 .00000	CP1 .01790 .01691 01010 03407 04541 06441	CP2 .01233 .01100 01591 03965 05210 07115 .00000	CP3 .01663 .01602 01403 03947 05227 07087 .00000	CP4 01056 01421 00575 01482 02028 03927 .00000	CP5034340380703014040580455406490 .00000	CP6 01964 02384 01210 02068 02565 04461	BETA .00000 .00000 .00000 .00000 .00000 .00000	

MACH

.155

. 155

.155

.155

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF216) ( 01 JUN\_76 )

#### REFERENCE DATA

### PARAMETRIC DATA

SREF LREF BREF SCALE	= 5500.0000 SQ.FT = 327.8000 IN. = 2348.0000 IN. = ,0400	XMRP = 1 YMRP = ZMRP =	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC			ALPHAW = STAB = IORB = BDFLAP =		L = 11.090 VTR = .000 VON = -5.000
	MACH GP .155 20.570 .155 23.873 .154 40.147 .155 55.359 .155 84.437 GRADIENT	ALPHAW 12.12308 3 12.11235 3 12.13105 3 12.24828 3	6/ 0 RN/L =  0(PSF) CP1  35.02428009  34.990940266  34.890020576  35.298930696  35.245280836  .00000 .0000	3003067 0806136 5007455 08810	CP3 01020 02969 05269 07552	-5.00/ 5.00  CP4	30703029 56003480 54704549 36905735	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF217) ( 01 JUN 76 )

BETA

.00000

### REFERENCE DATA

33.360

GRADIENT

.13637

.00000

35,05206

.00000

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT.	XMRP = 1339.9100 IN.XC	일은 그리는 배 본 에 남자들이 바랍니다 달		
LREF = 327.8000 IN.	YMRP = .0000 IN.YC		ALPHAW = .194	RN/L = 1.090
DDF#	ZMRP = 190.7500 IN.ZC		STAB = -2.000	ELEVTR = .000
SCALE = .0400	2,100 10.20		ICRB = 6.000	
			BDFLAP = .000	

	RUN NO.	217/ 0 RN/	= .00	GRADIEN	T INTERVAL :	-5.00/	5.00	
GP 11.278	ALPHAW .19433	Q(PSF) 35.21213	CP1 .03773	CP2 .01562	CP3 .02461	CP4 01486	CP5	CP6
14.376 24.355	.15181 .10514	35.17684 35.03457	.03029 .01400	.00765	.01571	01281	03899 03658	02550 02357

.00000 -.02357 .01400 -.00647 -.00085 -.00733 -.03269 -.02037 .00000 -.00023 -.02072 -.01600 -.00779 -.03298 -.02115 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000



# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8)	< < : T T T T	7415 6	1570	てぐいろつぐぎ	7 6
		11110.0.	11.50	ルコサいていコ	10.0

(PJF218) \*\*( 01 JUN 76 )

# PARAMETRIC DATA

SREF	=	5500.0000	SQ.FT.	XMRP	<b>=</b> 1₹2	nnie ex	IN.XC			Alan II				
LREF		327.8000	IN.	YMRP	· · · ·	.0000					_PHAW =	4.059	RN/L =	1.090
BREF	=	2348.0000	IN.	ZMRP		7500							ELEVTR =	.000
SCALE	=	.0400					114.20				DRB =	6.000	ELEVON =	-5.000
		서울시의 [1]								BO	OFLAP =	.000		
				DUM NO					Application of the					

			MN/C00	GRADIENT	INTERVAL =	-5.00/	5.00	
MACH .15 .15 .15 .15	5 11.331 5 13.277 6 23.577 5 38.245	4.05925     35.0       4.03649     34.9       4.08538     35.3       4.14406     35.0       4.07317     35.1	PSF) CPI 7662 .03551 8250 .03324 9991 .01456 049600678 170001803 0000 .00000	CP2 .01895 .01861 .00090 01933 03010 .00000	.02934 .00811 01472	CP4 00167 .00019 00128 .00089 00164	CP5 03051 02940 03077 03048 03272	CP6 BETA01304 .0000001191 .0000001395 .0000001276: .0000001528 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF219) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 13	339 9100 IN VC	마음 시간 시간 사람들은 살아 있다면 하다.		
Ent. = 32/.8000 IN. YMRP =	.0000 IN.YC			RN/L = 1.090
BREF = $2348.0000 \text{ IN}$ . $ZMRP = 1$	190.7500 IN.ZC		STAB = -2.000	ELEVTR = .000
SCALE = .0400	.30.7305 (N.2C		IORB = 6.000	ELEVON = -5.000
사이 많은 자른걸 말이 본 건입으로 살고 있는데 모르겠다.			BDFLAP = .000	
RUN NO. 2197	/ 0 PN/1 - 00	COLOUR COLOR		

	100 NO. 2197 U	RN/L = .UU ' GRAD	IENT INTERVAL = -5.00/	5.00
MACH GP	ALPHAW Q(PS	C. L.	CP3 CP4	CP5 CP6 RFTA
.155 11.34 .155 12.70		10 102 700	.03243 .00420	0252800863 .00000
.155 21.48	8 6.09389 35.107		.00.01	0310501485 .00000
.155 37.64 .155 53.36	2.1.000	150115902024	.0000	.00000. 10000. 02820 00000. 10000. 10000.
.155 63.84	- 0.2.00, 00.275	.033/2	.00000	0366401798 .00000
GRAD1EN		.00000		0389502091 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF220) 144 ( 01 JUN 76 )

PARAMETRIC DATA

				F			

FERR ARRA DA LL					
= 5500.0000 SQ.FT. XMRF	= 1339.9100	IN.XC	ALPHAW =	8.162 RN/L =	1.090
= 327.8000 IN. YMRF	.0000			-2.000 ELEVTR =	.000
= 2348.0000 IN. ZMRF	· = 190.7500				
.0400	130.7300	1N•26	IORB =	6.000 ELEVON =	-5.000
0700			BDFLAP =	.000	

	RUN NO. 220/ 0 RN/	L = .00 GRADIENT	INTERVAL = -5.00/	5.00	
MACH GP .155 11.340 .155 12.381 .155 22.180 .155 38.071 .155 53.504 .155 74.542 GRADIENT	ALPHAW 0(PSF) 8.16200 35.12110 8.13416 35.09963 8.12518 35.06879 8.12356 35.12165 8.11346 35.26091 8.16008 35.11045 .00000 .00000	CP1 CP2 .02527 .02050 .02163 .016860030500718024560299503367033260514905188 .00000 .00000	CP3 CP4 .0231600146 .018780032700710 .00109030970032304061013900539801505 .00000 .00000	CP5031230324602998034180454904872	CP6 BETA01532 .0000001662 .0000001177 .000000151 .0000002653 .0000002935 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF221) ( 01 JUN 76 )

#### REFERENCE DATA

	SREF	=	5500.0000	SQ.FT.	XMRP	= 1	339 9100	IN YC				ALPHAW	_	10 070	Dilli	生化 4	
4.	LREF	=	327.8000	1 N	YMRP			IN.YC					-	10.070		=	1.090
			2348.0000		1 1 1 1 1 1 1 1 1 1 1	11 1 11						STAB	=	-5.000	ELEVTR	.=. '	.000
					ZMRP	= 1	190.7500	IN.ZC			·	IORB	=	6.000	ELEVON	=	-5.000
	SCALE	= .,	.0400							化二氯化二氯甲烷		BDFLAP	_				3.000
		91. 4		化邻酚医邻酚 电电影形式					ovarian Procedure			DUFLAF		.000			

		RUN NO. 221/ 0	RN/L = .00 GRADI	ENT INTERVAL = -5.00/	5.00	
MACH .155 .155 .155 .155 .155	GP 11.328 12.764 21.161 37.583 52.761 84.527 GRADIENT	ALPHAW Q(PSF 10.07010 34.95993 10.04646 34.98436 10.10239 35.21586 10.11656 35.20549 10.12842 35.31096 10.25374 35.4480	2 .02030 .01906 3 .01062 .00961 30105701118 90415304265 30501405214 70690307064	.0102300964 20128600872 50456701822 0552502498 0745103799	CP5 CP6043140279503853021410385601958048230273005539034730684804735	BETA .00000 .00000 .00000 .00000 .00000
	OUNDIEM	.00000 .00000	00000 .00000	00000 .00000	00000 00000	00000

### DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8)			

(PJF222) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

	Alaska, farasari fitti ta								
SREF	= 5500.0000	SQ.FT. XMRI	P = 1339.91	00 IN.XC		ALPHAW =	12.211	RN/L =	1.090
LREF	= 327.8000	IN. YMRI	P = .00	DO IN.YC		STAB =	-2.000	ELEVTR =	.000
BREF	= 2348.0000	IN. ZMRI	P = 190.75	00 IN.ZC		IORB =	6.000	ELEVON =	-5.000
SCALE	= .0400					BDFLAP =	.000		

### RUN NO. 222/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/5.00

		£ 1	4 1000												
	MACH		GP	1.542	ALPHAW	Q(PSF)	CP1		CP2	CP3	400	CP4	CP5	CP6	BETA
	. 155		20.5	89	12.21083	34.97696	02223	_	.02079	02208		02929	05843	04031	.00000
1.	. 155		23.7	93	12.19976	34.96446	03202		.03115	03211		03363	06224	04415	.00000
	. 155		40.1	00	12.21504	35.23111	06160		.06096	06574		02958	05754	03632	.00000
	. 155		55.4	80	12.24050	35.17046	07148	-	.07154	07591		04323	07147	05082	.00000
	. 155		87.5	11	12.25111	35.09362	09052	_	.09047	09507		05513	08393	06266	.00000
		G	RADIE	NT	.00000	.00000	.00000		.00000	.00000		.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF223) ( 01 JUN 76 )

### PARAMETRIC DATA

								1.00					
SREF	=	5500.0000	SQ.FT. X	(MRP =	1339.9100	IN.XC			ALPHAW	= .6	204 RN	化 = -	1.090
LREF	=	327.8000	IN. Y	MRP =	.0000	IN.YC			STAB	= :(	DOO ELE	EVTR =	.000
BREF	=	2348.0000	IN. Z	MRP =	190.7500	IN.ZC			IORB	= 6.0	000 ELE	EVON =	-5.000
SCALE	=	.0400							BDFLAP	= .(	000		

# RUN NO. 223/ D RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

Μ	IACH		GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
h))	. 155		11.278	.20445	35.38367	.03307	.01044	.02093	01213	04003	02513	.00000
	. 155		14.484	.17296	35.04137	.03408	.01212	.02087	01669	04583	03064	.00000
	. 155		24.601	.12087	34.94205	.01290	00828	00123	01373	04451	02984	.00000
	. 155		33.382	.10058	35.32923	00220	02185	01730	00804	03998	02602	.00000
		GF	RADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

( 08 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = STAB = IORB = BDFLAP =	4.117 RN/L = . 1.090 .000 ELEVTR = .000 6.000 ELEVON = -5.000 .000
MACH GP .155 11.331 .155 13.318 .155 22.518 .155 38.783 .155 53.693 GRADIENT	1 77777 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1	-5.00/ 5.00  CP4	000700 .00000 401276 .00000 000420 .00000 401339 .00000

### (CA-B) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF225) ( 01 JUN 76 )

SRE	F ∓	5500.0000	SQ.FT. XMRP	= 1339 9100		
LRE	F =	327.8000	IN. YMRP		in the vice of the second of t	1.090
BRE	F = .	2348.0000			DOM TO	.000
5CA	LE =	.0400		.50.7500	The state of the s	-5.000
					보면 보고 있는 사람들이 되었다. 사람들은 사람들이 되었다는 사람들은 BDFLAP 🛊 모든 하다고000분이라는 사람들이 모든 모든	
			RUN NO	2257.0 6	DNA COSTIGNATIVE PARTY	

BON MO. ZEDZ U - KNZL =	UU GRADIENT INTERVAL	_ = -5.00/	5.00	
ACH GP ALPHAW Q(PSF) CP1 .155 11.341 6.14752 35.02985 .04055 .155 13.071 6.12445 34.98772 .03585 .155 21.838 6.11017 34.99692 .01650 .155 37.209 6.08547 34.9564200917 .155 53.082 6.23394 35.1695302316 .155 64.030 6.18658 35.0631303351 GRADIENT .00000 .00000 .00000	CP2 CP3 .03463 .03622 .03125 .03118 .01171 .01014013570182702802032670376904214	CP4 .00290 .00086 .00704 .01028 .00175 00231	CP5 CP603145013960346301753029050104502620007660340301492039140204700000 .00000	BETA .00000 .00000 .00000 .00000 .00000

DATE DE JUL 76

MACH .155 .155 .155 .154 .154 .155

### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

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(PJF226) ( 01 JUN 76 )

### REFERENCE DATA

SPEE = 5500 0000 SO.FT.	XMRP = 1339.9100 IN.XC	
LREF = 327.8000 lN.	YMRP = .0000 IN.YC	
BREF = 2348.0000 IN.	ZMRP = 190.7500 IN.ZC	
CONT - DUOD	그리 귀하다는 어울을 보다 이름다가 나이가 하게 하다니?	

PARAME	ŧ	K I	C	UΑ	ŧ	~	

ALPHAW = STAB = IORB =		RN/L ELEVTR ELEVON		.000
BDFLAP =	.000			

	RUN NO.	226/ 0 RN/L	= .00	GRADIENT	INTERVAL =	-5.00/ :	ວ.ບບ		
GP 11.340 12.616 22.171 36.695 53.800 74.745 GRADIENT	ALPHAW 8.16406 8.14030 8.127593 8.12288 8.25067	35.20490 35.11941 35.11437 34.79870 34.58781 35.04054	.02965 .02347 .00343 01955 03590	02025 03584	CP3 .02712 .02100 00148 02703 04327 05767 .00000	CP4 .00600 .00559 .00653 .00372 00704 01255 .00000	CP5 02931 02960 02921 03327 04387 04992 .00000	CP6 01281 01280 01119 01325 02394 02987 .00000	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

### (PJF227) ( 01 JUN 76 )

### REFERENCE DATA

SRFF = 5500.0000 SQ.FT. XMRP = 1339.9100	IN.XC
IRFF = 327.8000 IN., YMRP = .0000	
BREF = 2348.0000 IN. ZMRP = 190.7500	IN.ZC

ALPHAW =	10.089 RN/L	= 1	1.090
STAB =	.000 ELEVT		.000
IORB =	6.000 ELEVO	N =	-5.000
DDEL VD	nnn	12	

RUN NO. 227/ 0 RN/L	<b>=</b> .	00	GRADIENT	INTERVAL =	-5.00/	5.00
HOW HO. LETY O THINK						

MACH GP .155 11.328 .155 13.158 .155 21.260 .155 37.534 .155 53.081 .155 79.320 GRADIENT	10.05509 10.15491 10.17615 10.26748	35.08146	CP1 .02042 .01300 003579 04865 06534 .00000	CP2 .02300 .01593 00673 03195 04629 06268 .00000	CP3 .01995 .01225 01325 04051 05461 07190 .00000	CP4 00624 01056 00211 00572 01731 02894 .00000	CP5040140443903696041400533006491	02483 02872 01799 02077 03244 04390 .00000	.00000 .00000 .00000 .00000 .00000
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MACH

# (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF228) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT.	La inn		Control March 1995
7 DCC	XMRP =	1339.9100	TN YO
LREF = 327.8000 IN.	YMRP =		
	THE =	.0000	INLYC
- CO 10.0000 IN.	ZMKP =	100 7500	111 70
SCALE = 0000		190.7500	IN.ZU

	PARAMETRIC	DATA	
ALPHAW = STAB = IORB = BDFLAP =	12.121 .000 6.000	RN/L ELEVTR ELEVON	1.090 .000 -5.000

RUN NO. 228/ 0 RN/L = .00 GRAD	DIENT INTERVAL = -5.00/	5.00
MACH GP ALPHAW Q(PSF) CP1 CP2	CP3 CP4	001
.157 20.625 12.12143 35.89058019050136	01569	CP5

.157	019050138001966 026940205202820 055480498806021 071260649007619 089560842109558 .00000 .00000 .00000	CP4 01569 01880 02214 03654 05040 .00000	CP5 04846 05193 05586 06964 08370 .00000	CP6 03079 03367 03525 04935 06298 .00000	BETA .00000 .00000 .00000 .00000
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(CA-	8) K3.	1TS7	

F30T540265,3.5

### (PJF229) ( 01 JUN 76 )

SREF = 5500.0000 SQ.	T. XMRP = 1339 9100 TN VC
LREF = 327.8000 IN.	14.44 1000 1M.XC
	ZMRP = 190.7500 IN.ZC
SCALE = nivon	-00,,000 114,20

REF REF CALE	= 327.80 = 2348.00	00 IN.	YMRP ZMRP	= .000	D IN.YC	ALPHAW = IORB = BDFLAP =	216 000.6	RN/L = ELEVON =	1.090
		,,,				BOLLAH =	.000		

	NON NO.	5591 0 K	N/L = .	.00	GRADIENT	INTERVAL =	-5.00/	5.00
;P	AL PHALI							7775

.155 .155 .155 .155	0P 11.278 15.039 24.993 34.005 GRADIENT	ALPHAW .21575 .16767 .11427 .12909 .00000	0(PSF) 35,32769 35,22217 35,05832 35,11678 .00000	CP1 .03469 .03003 .00755 00412 .00000	CP2 .01208 .00716 01406 02416 .00000	CP3 .02172 .01548 03755 01860 .03000	CP4 01552 02052 01486 01121 .00000	CP5 04012 04445 04067 03926 .00000	CP6 02790 03275 02950 02771 .00000	BETA .00000 .00000 .00000 .00000
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DATE 06 JUL 76	CA-0 FORCE COURSE DAY TO BE		
	CA-8 - FORCE SOURCE DATA TABULA		PAGE 513
	(CA-8) K3.1TS7	F30TS40265.3.5	(PJF230) ( 01 JUN 76 )
REFERENCE (	DATA: He will be the second of		PARAMETRIC DATA
SREF = 5500.0000 S0.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 4.197 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 230/ 0 KN/L = .00	GRADIENT INTERVAL = -	5.00/ 5.00
MACH GP .155 11.332 .155 14.108 .155 23.278 .155 39.430 .155 54.449 GRADIENT	ALPHAW Q(PSF) CP1 4.19659 35.21429 .04846 4.17235 35.31045 .03858 4.13552 35.16605 .02091 4.08701 35.0714900497 4.24565 35.1771601699 .00000 .00000 .00000	CP2 CP3 CP .03070 .04290 ~.( .02168 .03208( .00424 .01381( 0202501366 .( 0323802619(	P4
	(CA-8) K3.1TS7	F30TS402G5.3.5	(PJF231) ( 01 JUN 76 )
REFERENCE D	ATÀ		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XHRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 6.094 RN/L = 1.090 IORB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 231/ 0 RN/L = .00	CHADIENT INTERVAL = -5	5.00/ 5.00
MACH GP .155 11.341 .155 13.102 .155 21.973 .155 37.896 .155 53.393 .156 64.178 GRADIENT	ALPHAW Q(PSF) CP1 6.09421 35.05495 .03926 6.07094 35.24859 .03517 6.11393 35.11491 .01131 6.08101 35.0907201517 6.28305 35.3415402716 6.22775 35.4983203490 .00000 .00000 .00000	.02197 .031780 00169 .007050 02759021740 03983034530 04722042810	04 CP5 CP6 BETA 004170329301721 .00000 105340340701860 .00000 101660307601393 .00000 100040309501243 .00000 104190351001616 .00000 108940396002117 .00000 10000 .00000 .00000

DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	ION COLOR	PAGE 514
	(CA-8) K3.1TS7	F30TS402G5.3.5	(PJF232) (01,JUN 76 )
REFERENCE DA			PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.072 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 232/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
MACH GP .155 11.340 .155 12.332 .155 22.108 .155 37.794 .155 53.368 .155 74.534 GRADIENT	ALPHAW Q(PSF) CP1 8.07212 35.12206 .03040 8.04988 35.10018 .02873 8.14798 35.04915 .00361 8.12738 35.0944802525 8.15882 35.2438603666 8.32952 35.2836005102 .00000 .00000	.02050 .0297501869 .0277000580 .0017703469 .030500462804240 -	CP4         CP5         CP6         BETA           .00783        03650        02080         .00000           .00509        03432        01819         .00000           .00711        03696        01851         .00000           .0018        03272        01148         .00000           .01277        04389        02325         .00000           .0273        05404        03287         .00000           .00000         .00000         .00000         .00000
	(CA-8) K3.1TS7	F30TS40265.3.5	(PJF233) ( 01 JUN 76 )
REFERENCE DA	ATA TO A TO A TO A TO A TO A TO A TO A		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.131 RN/L = 1.090 IORB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 233/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
MACH GF .155 11.327 .155 12.821 .155 21.514 .155 38.208 .155 53.364 .155 82.541 GRADIENT	ALPHAW Q(PSF) CP1 10.13133 34.99565 .01763 10.10774 35.18398 .01365 10.09888 35.2134000681 10.19303 35.3124404196 10.19204 35.1472505014 10.24380 35.3564106518 .00000 .00000 .00000	.00761 .01524 - 0131800723 - 0492004487 - 0564205380	CP4         CP5         CP6         BETA          01444        04343        02663         .00000          01646        04514        02836         .00000          01303        04266        02287         .00900          01662        04596        02464         .00000          02687        05705        03547         .00000          03987        06997        04776         .00000           .00000         .00000         .00000         .00000

ORIGINAL PAGE IS POOR

마음을 보고 말했다고 하는 회사 이 등 때	발발하는 말로만큼 하는 말고, 그 모양을 하지만 다고 있다. 역사	· (지역에 하는 ) : [ [ ] [ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [
DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULATION	PAGE 515
	(CA-8) K3.1TS7 F30TS40265.3.5	(PJF234) ( 01 JUN 76 )
REFERENCE D	ATA : 사람들은 사람들은 사람들이 들었다면 하는데 모든 모든 것이다.	PARAMETRIC DATA
SREF = 5500.0000 SQ.FT, LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = 12.131 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 234/ 0 RN/L = .00 GRADIENT INTERVAL	= -5.00/ 5.00
MACH GP .155 20.573 .155 23.688 .155 40.184 .155 55.424 .156 86.051 GRADIENT	ALPHAW Q(PSF) CP1 CP2 CP3 12.13098 35.11030023450274302205 12.11975 35.12626030190347502985 12.12604 35.09678059180634106151 12.28155 35.15651072750775207484 12.30505 35.50249092500975909561 .00000 .00000 .00000 .00000	CP4
	(CA-B) K3.1TS7H15.6.1F30TS402G5.3.5	(PJF235) ( 01 JUN 76 )
REFERENCE DA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = .234 RN/L = 1.090 STAB = -2.000 ELEVTR = -23.000 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 235/ 0 RN/L = .00 GRADIENT INTERVAL	= -5.00/ 5.00
MACH GP .155 11.279 .155 14.151 .155 23.905 .155 33.035 GRADIENT	ALPHAW         Q(PSF)         CP1         CP2         CP3           .23414         35.27990         .03766         .01487         .02729           .18909         35.25311         .03398         .01034         .02055           .14134         35.08002         .00501        01613        00810           .07817         35.27827        00910        02915        02259           .00000         .00000         .00000         .00000         .00000	CP4         CP5         CP6         BETA          01416        03796        02661         .00000          01779        04334        03071         .00000          01872        04507        03279         .00000          01301        04059        02863         .00000           .00000         .00000         .00000         .00000

(CA-8) K3.1TS7H15.6.1F30TS40265.3.5

(PJF236) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPHAW = STAB = IORB = BDFLAP =	4.036 RN/L -2.000 ELEVI 6.000 ELEVI	
			RUN NO.	236/ 0 RI	W/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00		
	MACH .155 .155 .155 .155 .155	GP 11.330 12.857 21.530 37.984 52.721 GRADIENT	ALPHAW 4.03580 4.02030 4.16734 4.13809 4.21803 .00000	0(PSF) 35.08196 35.07872 35.09387 35.04607 35.31617 .00000	CP1 .03726 .04273 .01239 01235 02275 .00000	CP2 .02194 .02746 00122 02461 03551 .00000	CP3 .03258 .03795 .00616 01979 03176 .00000	CP4 CP5003720335008270383002560336004820361007120388 .00000 .0000	102236 501719 501908 702191	BETA .00000 .00000 .00000 .00000 .00000
				(CA-8)	K3.1TS7H15.6.	1F30TS40265	.3.5		(PJF237) (	01 JUN 76 )
		REFERENCE D	IATA						ARAMETRIC DATA	
SREF LREF BREF SCALE	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPHAW = STAB = IORB = BDFLAP	6.109 RN/L -2.000 ELEVI 6.000 ELEVI	
LREF BREF	= 327 = 2348	.8000 IN. .0000 IN.	YMRP = ZMRP =	.0000 190.7500	IN.YC	GRADIENT	INTERVAL =	STAB = IORB = BDFLAP	-2.000 ELEVI 6.000 ELEVO	R = -23.000



DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	ION		GE 517
	(CA-8) K3.1TS7H15.6.	1F30TS402G5.3.5	(PJF238) ( 01 J	<b>บ</b> พุ 76 )
REFERENCE DA			PARAMETRIC DATA	France
SREF = 5500.0000 SQ.FT, LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.123 RN/L = STAB = -2.000 ELEVTR = 10RB = 6.000 ELEYON = BDFLAP = .000	1.090 -23.000 -5.000
	RUN NO. 238/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.340 .155 11.643 .155 21.301 .155 36.742 .155 52.794 .155 73.824 GRADIENT	ALPHAW Q(PSF) CP1 8.12317 35.10351 .02044 8.10227 35.12228 .02482 8.08572 35.05584 .00163 8.11459 35.2660002933 8.17226 35.1621104079 8.20464 35.0794205464 .00000 .00000 .00000	.01967 .02426 00304 .00021 0348403361 0465604613	006460372502086 .00 008930413002361 .00 003720361901636 .00 013000458402538 .00 020290529903207 .00	7A 0000 0000 0000 0000 0000
	(CA-B) K3.1TS7H15.6.	1F30TS402G5.3.5	(PJF239) ( 01 c	JUN 76 )
REFERENCE DA			PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.152 RN/L = STAB = -2.000 ELEVTR = 10RB = 6.000 ELEVON = BDFLAP = .000	1.090 -23.000 -5.000
	RUN NO. 239/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.327 .155 12.495 .155 20.546 .155 36.854	ALPHAW Q(PSF) CP1 10.15199 35.06910 .01386 10.12809 35.05351 .01082 10.12118 35.0329800791 10.18878 35.3520304634	.00909 .01396 0099300685	022860527803724 .00 020790517103351 .00 015030455402356 .00	TA 0000 0000 0000

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-.03911

-.05919 -.07537 .00000 -.06202

-.07016

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-.04036

-.04752

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GRADIENT

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## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF240) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

LREF BREF SCALE	= 327.80 = 2348.00	00 IN.	XMRP = YMRP = ZMRP =	.0000 IN.Y	rc		ALPHAW = STAB = IORB = BDFLAP =	-2.000 EL 6.000 EL	N/L = 1.090 LEVIR = -23.000 LEVON = -5.000
			RUN NO.	240/ 0 RN/L =	= .00 GRAD	IENT INTERVAL	5.00/ 5.00		
	MACH - 155 - 155 - 155 - 156 - 155 - 6	GP 20.523 24.295 39.741 55.210 86.296 RADIENT	ALPHAW 12.09108 12.07518 12.22070 12.33721 12.34302 .00000	35.04222 35.12782 35.17188 35.44731 35.25359	CP1 CP2 -0241702423 -0321603154 -0627706285 -0762407795 -0960609766 -00000 .00000	02985 506384 507888 309965	031240 034600 047930 057410	5 CP6 614004416 603804108 642104293 762105528 866906478 0000 .00000	3 .00000 3 .00000 3 .00000
				(CA-8) K3.1T	S7H15.6.1F30T540	265.3.5		(PJF241)	( 01 JUN 76 )
	REI	FERENCE D	ATA					PARAMETRIC DA	ι <b>ΤΑ</b>
LREF	= 327.800 = 2348.000	00 IN.	XMRP = YMRP = ZMRP =	.0000 IN.Y	°C		ALPHAW = STAB = 10RB = BDFLAP =	-2.000 EL 8.000 EL	I/L = 1.090 EVTR = -23.000 EVON = -5.000

# RUN NO. 241/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2 CP3	CP4 CP5	CP6 BETA
.155 11.278 .20384	35.19052 .03371	.01107 .02102	0.1	CP6 BETA 03032 .00000
.155 14.327 .16080	35.11687 .02990	.00656 .01526	122070 .0.200	03032 .00000
.155 24.085 ,11708	35.34434 .00866	0120500429		03508 .00000
.155 33.000 .12674	35.0889900446	0243802013	98540 30020	03239 .00000
GRADIENT .00000	.00000 .00000	.00000 .00000		00000 00000

DATE 06 JUL 76

CA-B - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF242) ( 01 JUN 76 )

					TA:

				FARAIL IN IC DAI	I A
1, 10					
00	CO ET VUDD 17	20 0100 111 110			
UU.	SQ.FT. XMRP = 133	89.9100 IN.XC		ALPHAW = 4.127 RN	/1 = 1
					_

SREF = 5500.0000 1.090 LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB -2.000 ELEVIR = -23.000BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC IORB = 8.000 ELEVON = -5.000 SCALE = .0400 BDFLAP = .000

### RUN NO. 242/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2 CP3	CP4 CP5	CP6	BETA
.156 11.331 4.12728	35.43085 .04184	.02539 .03806	0094303	866602098	.00000
.156 12.755 4.11557	35 51339 .03010	.01464 .02579	0083003	364102048	.00000
.155 22.097 4.08433	35.34153 .01241	00271 .00672	.0000902	89201255	.00000
.155 38.168 4.03791	35.0314400254	0191001014	0098303	881602150	.00000
.154 53.120 4.18944	34.7437302316	0385603219	0061403	352301804	.00000
GRADIENT .00000	.00000 .00000	.00000 .00000	.00000 .00	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF243) ( 01 JUN 76 )

### REFERENCE DATA

EFERENCE DATA			DADAMETRIC DATA
			PARAMETRIC DATA

	uuu Su.Fi.	XMRP	= '	1339.9100	IN.XC				ALPHAW =	6.143	RN/L =	1.090
	000 IN.	YMRP	= '	.0000	IN.YC				STAB =	-2.000		-23.000
BREF = 2348.0	000 IN.	ZMRP	= 1		IN.ZC				10R8 =			
SCALE = .0	+00								BDFLAP =	.000	LLLTON	3.000
		4.5						1.0	00. 0			

## RUN NO. 243/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	G₽	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 156	11.341	6.14310	35.66884	.03507	.02238	.03383	00944	03786	02070	.00000
. 156		6.11753	35.63850	.03321	.02039	.03198	00652	03443	01680	.00000
. 156		5.96664	35.53891	.01556	.00331	.01301	00334	03268	01477	.00000
. 155		6.16274	35.03699	00983	02301	01497	00732	03731	01892	.00000
. 155		6.21553	35.08035	02476	03722	03119	00869	03868	01923	.00000
.155		6.16301	35.07149	03350	04641	04097	01142	04131	02282	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(P. 17244) ( 01 JUN 76 )

#### REFERENCE DATA

PARAN	1FTP1	<b>^</b> 1	DATA
			DUL IN

SREF = BREF = SCALE =	5500.0000 327.8000 2348.0000	IN. YMRP		IN.YC		ALPHAW = STAB = IORB =	8.137 RN/L = -2.000 ELEVTR = 8.000 ELEVON =	1.090 -23.000 -5.000
		RUN NO.	244/ 0 R	N/L = .00	GRADIENT INTERVAL =	BDFLAP =	.000	

		(화화의 경기 선생은 회원)	-	OUTUD LEIAL	HAIELANE -	-5.00/	5.00		
MACH .156 .156 .156 .155 .155	52.582	ALPHAW Q(F 8.13665 35.70 8.11013 35.50 8.12236 35.46 8.21128 35.01 8.19390 34.93 8.27129 35.13	518 .02356 617 .02493 298 .00031 31302243 18103850	03059 04790	.02646 00087 02505	CP4 00676 01124 00355 01028 01416 02141 .00000	CP5035280397303353040950443005195 .00000	CP6016650225301370020450230403084 .00000	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

### (PJF245) ( 01 JUN 76 )

### REFERENCE DATA

# SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC

LREF	=	327.8000	IN.	YMRP =		IN VC
BREF	=	2348,0000				IN.YC
SCALE		. ពម្មក្រ			190.7500	11V.ZC

### PARAMETRIC DATA

ALPHAW	=	10.104	RN/L =	1.090
STAB	=	-2.000	ELEVTR =	-23.000
IORB	=	8.000	ELEVON =	-5.000
BDFLAP	=	nnn		

#### RUN NO. 245/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00



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### CA-B - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF246) ( 01 JUN 76 )

#### REFERENCE DATA

### PARAMETRIC DATA

SREF =	5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC		ALP	HAW =	12.217	RN/L =	1.090
LREF =	327.8000	IN.	YMRP =	.0000	IN.YC		STA	B =	-2.000	ELEVTR =	-23.000
BREF =	2348.0000	IN.	ZMRP =	190.7500	IN.ZC		IOR	8 =	8.000	ELEVON =	-5.000
SCALE =	.0400						BDF	LAP =	.000		
		建铁铁矿 化化铁铁铁矿			and the second						

### RUN NO. 2467 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BET	Α
. 156	20.549	12.21740	35.41205	01929	02167	01514	03176	06041	04060	.000	000
.156	23.868	12.20804	35.47081	03103	03369	02821	03150	05981	03864	.000	000
. 155	39.939	12.21972	35.21502	06308	06760	06451	03389	06287	03896	.000	000
.155	55,403	12.24194	34.97462	07318	07759	07459	04911	07813	05439	.000	000
. 154	84.100	12.25241	34.83345	08834	09354	09037	06073	08954	06547	.000	000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.000	000

(CA-8) K3.1TS7 F30TS402G5.3.5

#### (PJF247) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP =	1339.9100 IN.XC	ALPHAW = .185 RN/L = 1.090
LREF = 327.8000 IN. YMRP =		10RB = 8.000 ELEVON = -5.000
BREF = 2348.0000 IN. ZMRP =	190.7500 IN.ZC	BDFLAP = .000
SCALE # .0400	경기 작용된 그 아마는 그런 그를 본 살은 어느 모든 이 웃었다.	

### RUN NO. 247/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP		ALPHAW	Q(PSF)		CPI	CP2		CP3	CP4	CP5		CP6	SETA
. 155	11.278		. 18506	35.33094		.03687	.01459		.02386	01801	03928		02690	.00000
. 155	12.560	t life.	.15500	35.37055		.03538	.01273		.02204	01981	04080		02870	.00000
. 155	14.901	1411	.14044	35.39325		.03010	.00794		.01686	01957	04086		02846	.00000
. 155	24.940		.11532	35 . 28367		.01596	00511		.00130	01913	04101	di e	02906	.00000
. 155	25.500		.08258	35.24652		.01289	00861		00098	01620	03785		02631	.00000
. 155	33.863		.11998	35.11649	t	00294	02370	44.5	31705	01166	03554		02379	.00000
	GRADIENT		.00000	.00000		.00000	.00000		.00000	.00000	.00000	100	.00000	.00000

일을 하고 있다는 하는 것으로 되었습니다.	회가 있다는 아이는 그 없는 번째를 하고 있다.		A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	F30TS402G5.3.5	(PJF248) ( 01 JUN 76 )
DOCUMENT D			PARAMETRIC DATA
REFERENCE D  SREF = 5500.0000 SQ.FT.  LREF = 327.8000 IN.  BREF = 2348.0000 IN.  SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 4.176 RN/L = 1.090 10RB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 248/ 0 RN/L = .00	GRADIENT INTERVAL	<u> -5.00/ 5.00</u>
MACH GP .155 11.331 .155 14.101 .155 23.348 .154 39.429 .154 50.990 GRADIENT	ALPHAW Q(PSF) CP1 4.17570 35.28243 .04606 4.15540 35.28793 .04208 4.12258 35.16122 .02170 4.08054 34.8318000204 4.16077 34.9299501183 .00000 .00000	CP2 CP3 .02900 .04175 .02490 .03782 .00470 .0153601818009000285501974 .00000 .00000	CP4
	(CA-8) K3.1TS7	F30TS402G5.3.5	(PJF249) ( 01 JUN 76 ) PARAMETRIC DATA
REFERENCE	DATA ( )		1 199
SREF = 5500.0000 SQ.FT LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		10RB = 8.000 ELEVON = -5.000 BDFLAP = .000

	RUN NO.	249/ 0 RN/L	= .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP .155 11.341 .155 13.503 .155 22.335 .155 24.103 .154 38.278 .154 54.08 .154 64.566 GRADIEN	ALPHAW 6.16209 6.14513 6.14118 5.10540 8.6.08036 6.28897 6.16536	35.16881 35.20752 35.13549 35.10791 34.77578 34.70218 34.89405	CP1 .04290 .03779 .01907 .01717 00409 01857 02375 .00000	CP2 .02846 .02339 .00540 .00245 01793 03208 03801 .00000	CP3 .04129 .03512 .01548 .01397 00949 02457 02954 .00000	CP4 .00148 .00374 .00220 .00290 .00281 00567 01028 .00000	CP5 02450 0217 02418 02409 02405 03288 03755 .00000	CP6 00869 00549 00698 00654 00659 01427 01901 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

DATE	06	JUL	76
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## CA-8 - FORCE SOURCE DATA TABULATION

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				(CA-8) H	(3.1TS7	F30T54026	5.3.5			(PJF250) (	01 JUN 76 )
		REFERENCE D	DATA						PA	RAMETRIC DATA	
LREF	<ul><li>327</li><li>2348</li></ul>	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP * YMRP * ZMRP *	1339.9100 .0000 190.7500	IN.YC			IORE	AW = 3 = AP =	8.199 RN/L 8.000 ELEVON	= 1.090 N = -5.000
			RUN NO.	250/ 0 RN	I/L = .00	GRADIEN	T INTERVAL	<b>-</b> -5.00/ 5	5.00		
	MACH .156 .156 .156 .155 .154 .155	GP 11.340 13.021 22.543 38.314 53.892 75.037 GRADIENT	ALPHAW 8.19851 8.15928 8.15133 8.12908 8.24529 8.19206 .00000	Q(PSF) 35.58048 35.49086 35.42953 35.12050 34.94855 35.06649 .00000	CPI .03494 .03074 .00880 01865 03605 04620 .00000	CP2 .02337 .01941 00321 03032 04696 05743 .00000	CP3 .33634 .33140 .30784 32166 03966 05074 .00000	CP4 00496 00403 00309 00323 00913 01961 .00000	CP50296502954031090372904858	CP6 01285 01212 01111 01041 01549 02681 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
				(CA-B) K	3.1157	F30TS402G5	5.3.5			(PJF251) (	01 JUN 76 )
		REFERENCE D	ATA						PAF	RAMETRIC DATA	
LREF :	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			ALPH IORB BDFL	=	0.114 RN/L 8.000 ELEVON .000	= 1.090 l = -5.000
			RUN NO. 2	251/0 RN	/L = .00	GRADIENT	INTERVAL =	-5.00/ 5	.00		
	MACH .155 .155 .155 .154 .155 .155	GP 11.327 12.743 21.546 37.980 53.349 85.033 GRADIENT	ALPHAW 10.11423 10.09237 10.07212 10.16642 10.28009 10.22839 .00000	Q(PSF) 35.26867 35.22757 35.23169 34.91560 35.12395 35.01307 .00000	CP1 .02651 .02104 .00111 03274 05063 06587 .00000	CP2 .01804 .01329 00633 04123 05920 07542 .00000	CP3 .03102 .02523 .00366 03252 05196 06779 .00000	CP4 01147 01079 01212 01760 02597 03924 .00000	CP5036800359403880044090532106630 .00000	CP6 01936 01900 01929 02204 03006 04400 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

나는 왜 하실하다는 이름이 하는 모습니?			PAGE 524
	(CA-B) K3.1TS7	F30TS40265.3.5	(PJF252) ( 01 JUN 76 )
REFERENCE D	PATA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT.	XMRP = 1339.9100 [N.XC		보고 있다면 하는 사람들은 사람들이 되었다.
LREF = 327.8000 IN. BREF = 2348.0000 IN.	YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.218 RN/L = 1.090 IORB = 8.000 ELEVON = -5.000 BDFLAP = .000
SCALE = .0400			
	RUN NO. 252/ 0 RN/L = .00	GRADIENT INTERVAL = -5.00	V 5.00
MACH GP .155 20.584	ALPHAW Q(PSF) CP1	CP2 CP3 CP4	CP5 CP6 BETA
.155 20.584 .155 23.498	12.21836	02397014610238	50492802840 .00000
.155 40.025	12.20360 35.1661105485	02900018810264 06149054500318	
.155 55.200 .155 89.849	12.22004 35.0276706771	07475067610449	
GRADIENT	12.30358 35.0460408878 .00000 .00000 .00000	09563089500597	50865006207 .00000
동생 하다고 있는 동생 내용을 다		0000. 00000.	00000.00000.0000
	(CA-8) K3.1TS7H15.6.1	F301S402G5.3.5	(PJF253) ( 01 JUN 76 )
REFERENCE DA	ATA		살레 이 경기는 병기를 하지만 그렇게 하겠네. 그는
임교회사용 이 왕이 보았을 때 이 기다.	걸리면 화면에 된 어디를 하십시다.		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN.	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC		ALPHAN = .182 RN/L = 1.090
BREF = 2348.0000 IN.	ZMRP = 190.7500 IN.ZC		STAB = .000 ELEVTR = .000 IORB = 8.000 FLEVON = -5.000
SCALE = .0400			IORB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 253/ 0 RN/L = .00	GRADIENT INTERVAL = -5.00	
MACH GP	ALPHAW Q(PSF) CP1	CP2 CP3 CP4	CP5 CP6 BETA
.155 11.278 .155 14.304	.18206 35.22402 .02559 .13494 35.06847 01838	.00463 .015770212	00443903207 .00000
.155 24.352	170.6	00260 .006220239 01797010840214	
.154 33.206	.14878 31.8746100879	01797010840214 02858021070178	
GRADIENT	.00000. 00000.	.0000 .00000 .0000	

DATE 06 JUL 76

### CA-8 - FORCE SOURCE DATA TABULATION

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			40265.3	

(PJF254) ( 01 JUN 76 )

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#### PARAMETRIC DATA

LREF BREF SCALE	= 327. = 2348.	8000 IN. 0000 IN. 0000 IN.	YMRP = ZMRP =		I IN.YC			ST/ I OF	4B <b>≖</b>	.000 ELEVT 8.000 ELEVO .000	
			RUN NO.	254/ 0 F	RN/L = .00	GRADIENT I	NTERVAL	= -5.00/	5.00		
	MACH .155	GP 11.331	ALPHAW 4.15457	Q(PSF) 35.09452	CP1 .03459	CP2 .01870	CP3 .03075	CP4 01010	CP5 03230	CP6 01746	BETA .00000
	.155 .156	13.528 22.796	4.13404 4.10632	35.05255 35.42931	.03204 .01427	.01646	.02859	00872 00805	03042 03046	01614 01538	.00000
	.156	38.907 53.849	4.17402 4.21912	35.52277	01405 02076	02953 -	.02113	00310	02538 03418	01090 01954	.00000
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF255) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT	XMRP =	1339.9100 IN.X	G	ALPHAW =	6.113	RN/L =	1.090
LREF = 327.8000 IN.	YMRP =	.0000 IN.Y	C	STAB =	.000	ELEVTR =	.000
BREF = 2348.0000 IN.	ZMRP =	190.7500 IN.Z	C	IORB =	8.000	ELEVON =	-5.000
SCALE = .0400				BDFLAP =	.000		

DINI MO	~~~	0		~~	GRADIENT	** CEPPONEAS			
HILIOUNIE	~~~/	II RNA	=	1111	- INMALLE NII	INILAVAL	=		
		O	1		CONDUILIN	1111141111		J. 007	J. UU

MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341	6.11333	35.23164	.03793	.02335	.03605	01079	02915	01665	.00000
. 155	12.848	6.09381	35.25556	.03617	.02173	.03432	31237	03075	01798	.00000
. 155	21.962	6.18287	35.15445	.01494	00013	.01222	01780	03556	02278	.00000
. 155	37.825	6.16757	35.11629	01268	02804	01695	00870	02817	01309	.00000
.156	53.499	6.23955	35.58978	02592	04172	03162	0!837	03591	02077	.00000
. 155	67.959	6.18757		03311	04868	03922	01977	03839	02248	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

SCALE =

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

# (PUF256) ( 01 JUN 76 )

### REFERENCE DATA

LREF	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN.	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC
CITAL				
SCALE	<b>*</b> .0400			

PARAMETRIC DATA PN/L 8.174 ALPHAW =

ELEVTR = .000 STAB = 8.000 ELEVON = IORB = .000

.000 -5.000

1.090

BDFLAP =

RUN NO. 256/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW .155 11.340 8.17370 .155 12.697 8.15000 .155 22.081 8.13927 .155 38.063 8.18787 .155 53.534 8.18713 .156 74.728 8.25973 GRADIENT .00000	0(PSF) CP1 35.08619 .02637 35.10036 .02715 35.33097 .00497 35.3315502308 35.2040403861 35.4377504617	CP2 .01227 .01227 01138 03869 05523 06317 .00000	CP3 CP4 .0273301648 .0280902011 .0036401483026670152604280025260512603508 .00000 .00000	CP5030930346302985030410404204956 .00000	CP6 01780 02133 01499 01405 02244 03198 .00000	.00000 .00000 .00000 .00000 .00000
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(CA-8) K3.1TS7H15.6.1F30TS40265.3.5

(PJF257) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500.000	= 1339.9100 IN.XC = .0000 IN.YC
LREF = 327.8000 BREF = 2348.0000	111 70
SCALE = .0400	생기에 하는 경기에 하는 모든 것이 없습니

## PARAMETRIC DATA

ALPHAW	=	10.184	LIGHT C	=	1.090
STAB	=	.000 8.000	ELEVTR ELEVON		
10RB BDFLAP	=	.000			- 14 Tillia

RUN NO. 257/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW Q(PSF) CP1 .155 11.327 10.18355 35.17877 .01623 .155 12.764 10.15990 35.17671 .01500 .155 21.692 10.15944 35.2049800838 .155 38.029 10.17241 35.1864403738 .155 53.441 10.25144 35.1285004668 .155 85.122 10.33351 35.3607206596 .156 GRADIENT .00000 .00000	CP2 CP3 CP4 CP5 .00096 .01934025780365800040 .01850028950395002462006450334504426054110391703140042830642404847040970519608444068080579406843 .00000 .00000 .00000	02585 .00000 02914 .00000 02503 .00000 03437 .00000 05048 .00000
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DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

104-01	レフ	TETHLE	_	1 = 70 * 50 000 =	
(CA-0)	NO.	115/815.	٥.	1F30TS402G5:	. 3.5

(PJF258) ( 01 JUN 76 )

PARAMETRIC DATA

	TA
REFERENCE DA	

L B	REF REF REF CALE	• 23	500.0000 327.8000 348.0000	IN.	XMRP YMRP ZMRP	=	39.9100 .0000 90.7500	IN.YC						ALPHA STAB 10RB BDFLA	*	12.229 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
					RUN NO.	258/	0 RN	I/L =	.00	GRAD	IENT IN	TERVAL	<u>.</u>	5.00/ 5.	ງດ			

				177	0	11 THE CALLED	- 5.007	7.06		
MACH .155 .156 .155 .156 .156	GP 20.616 23.953 39.942 55.437 97.786 GRADIENT	ALPHAW 12.22882 12.14062 12.15782 12.25800 12.37818 .00000	0(PSF) 35.06976 35.40764 35.16364 35.48976 35.45623 .00000	CP1 0223 02460 04996 06639 09022 .00000	CP2 03916 04192 06814 08537 11019 .00000	CP30189302113049310672509185 .00000	CP4 04427 05049 05573 06387 08442 .00000	CP5 05154 05849 06276 07119 09108 .00000	CP60351404161043890521007113 .00000	BETA .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF259) ( 01 JUN 76 )

RN/L = 1.090 ELEVTR = .000 ELEVON = -5.00C

### REFERENCE DATA

		REFE	RENCE DATA							PARAMETRIC	DATA
SREF	=	5500.0000 327.8000	SQ.FT.	XMRP =	1339.9100				ALPHAW =	.137	RN/L
BREF		2348.0000	IN.	ZMRP =	190.7500				STAB =	-4.000 8.000	ELEVTR ELEVON
SCALE	=	.0400				Tar et al.			BDFLAP =	.000	

	RUN NO. 259/ 0	RN/L = .00 GR	ADIENT INTERVAL	L = -5.00/	5.00		
MACH GP .155 11.277 .155 13.946 .155 23.997 .155 32.866 GRADIENT	ALPHAW Q(PSF .13736 35.1336 .09443 35.2479 .13694 35.1641 ,12253 35.3763 .00000 .0000	0 .03439 .00 6 .0247900 5 .0092701 60071203	88900384	03006 02475	CP5 04256 03881 03639 03151 .00000	CP6 ^3446 03088 02884 02386 . 00000	BETA .00000 .00000 .00000 .00000

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### CA-B - FORCE SOURCE DATA TABULATION

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	face for elegation of a first							
(CA-8)	K3.11S7H15.6	.1F30TS402G5.3.5			(PJF260)	( 01	HINT TO	•
					TEOLEGIA		JUN 10	

		,,,,,	100			-	•
RE	FER	: L	VL.E	. 13	Α	T	Δ

### PARAMETRIC DATA

LRE BRE SCA	F	= 32' = 2348	7.8000 SQ.FT. 7.8000 IN. 3.0000 IN. .0400	344455	= 1339.9100 = .0000 = 190.7500	IN.YC			STA I OF		-4.000 E	N/L = LEVTR = LEVON =	1.090 .000 -5.000
				RUN NO.	260/ D	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
		MACH .156 .155 .155 .156 .155	GP 11.332 13.415 22.682 38.781 53.728 GRADIENT	ALPHAW 4.18088 4.16031 4.13416 4.11921 4.19773 .00000	Q(PSF) 35.56168 35.25040 35.26734 35.41638 35.35036 .00000		CP2 .01254 .01055 00634 03434 04302 .00000	CP3 .03541 .03288 .01498 01448 02406 .00000	CP4 02291 01712 02118 01503 02227 .00000	CP5 02794 02217 02676 02160 02880 .90000	CP6 0176 0116 0156 0095 0164 .0000	2 .0000 4 .0000 6 .0000 9 .0000	00 00 00 00 00
					(CA-8)	K3.1TS7H15.6.1	F30T5402G5.	3.5			(PJF261)	( 01 JUN	1:76 )
			REFERENCE D	ATA						PAR	AMETRIC D	ATA	
SREI LREI BREI SCAI	F :	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	0000	IN.YC			STA IOR	HAW = -	6.166 RI 4.000 EI	N/L = LEVTR = LEVON =	1.090 .000 -5.000

RUN NO	2617	Λ	RM/I =	00	COADIENT	1117551111	 	

MACH GP ALPHAW .155 11.341 6.16652 12.793 6.13737 .156 21.908 6.11722 .156 37.780 6.20423 .155 53.431 6.17631 .156 63.921 6.26188 GRADIENT .00000	0(PSF) CP1 35.21874 .04025 35.08400 .03314 35.48080 .01559 35.4711500705 35.2274702078 35.5594902800 .00000 .00000	CP2 CP3 .01376 .03909 .00747 .0316401141 .01262033860115904789025640553303330 .00000 .00000	CP4 CP5023030268301852022140197602449017730223702706031780282603377 .00000 .00000	CP6 BETA01593 .0000001029 .0000001169 .0000000899 .0000001762 .0000001936 .00000 .00000 .00000
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### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF262) ( 01 JUN 76 )

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147	 DL:	NCF	134	TA

### PARAMETRIC DATA

SREF LREF BREF SCALE	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP YMRP ZMRP	= .0000	IN.YC				ALPHAW = STAB = IORB = BDFLAP =	8.149 RN/L -4.000 ELEVT 8.000 ELEVC	7 T	000
			RUN NO.	565\ 0 F	RN/L = .0	O GRADIENT	INTERVAL .	-5.00	/ 5.00			
	MACH .155 .155 .155 .156 .156 .155	GP 11.340 12.180 21.562 37.533 53.027 74.208 GRADIENT	ALPHAW 8.14864 8.12438 8.11087 8.20487 8.19907 8.27034 .00000	Q(PSF) 35.03520 35.26511 35.14215 35.45509 35.42029 35.16941 .00000	CP1 .03866 .03290 .00669 01865 02258 04235 .00000	CP2 .01301 .00586 02004 04454 05069 07037 .00000	CP3 .04172 .03498 .00640 01994 02498 04574 .00000	CP4 +.0322 0270 0253 0265 0393 0461 .0000	902884 02660 103011 804244 604892	01691 01498 01471 02717 03282	BETA .00000 .00000 .00000 .00000 .00000	

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF263) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. ZMRP	0000	IN.YC			ALPHAW = STAB = IORB =	10.166 -4.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	2637 0 RI	V/L = .00	GRADIENT INTERVAL =	-5.00	BDFLAP =	.000		

MACH GP ALPHA .156 11.327 10.1659 .155 12.409 10.1439 .155 21.302 10.1348 .156 37.669 10.1491 .155 53.066 10.2369 .156 84.742 10.3007 GRADIENT .0000	7 35.42543 .02225 0 35.27762 .02101 9 35.2214000540 9 35.4434602887 5 35.3722904061 3 35.4330505991	CP2 CP300304 .0268800479 .0259903171003520563602923068710408208862 .06132 .00000 .00000	CP4 CP5037620380103819032640354803594035880379305228053290648306475 .00000 .00000	CP602531025990203002060036604720 .00000	BETA .00000 .00000 .00000 .00000 .00000
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## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF264) ( 01 JUN 76 )

### REFERENCE DATA

COCC								PARAMETRI	DATA	
SREF LREF BREF SCALE	=	5500.0000 SC 327.8000 IN 2348.0000 IN	V. YMRP	= 1339.9100 = .0000 = 190.7500	IN.YC		ALPHAW = STAB = IORB =	12.163 -4.000 8.000	RN/L = ELEVTR = ELEVON =	
							BDFLAP =	.000		

# RUN NO. 264/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH .155 .155 .156 .156 .155	GP 20.590 23.934 39.961 55.424 97.771 GRADIENT	ALPHAW 12.16252 12.14558 12.16434 12.18572 12.33433 .00000	0(PSF) 35.17462 35.22181 35.47129 35.46839 35.19225 .00000	CP1 01413 01815 04747 05640 08105 .00000	CP2 04024 04500 07521 08450 10972 .00000	CP3 00976 01487 04595 0513 08162 .00000	CP4 05257 05001 06143 07065 09155	CP5 05064 04804 06028 06937 08974 .00000	CP60356403179042200510807130 .00000	BETA .00000 .00000 .00000 .00000
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## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF265) ( 08 JUN 76 )

#### REFERENCE DATA

SREF =	5500 0000 00 57		PARAM	METRIC DATA	
LREF =	actionnin. AWBb =	1339.9100 [N.XC 0000 [N.YC		.591 RN/L = 1.09	30
BREF = SCALE =	2348.0000 IN. ZMRP = .0400	190.7500 IN.ZC	IORB = 8.	.000 ELEVTR = .00 .000 ELEVON = -5.00	
	그를 되었습니다. 그는 사람이 모르는 것이 없는		BDFLAP = .	.000	Ξ.

# RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

	MACH	. = .		155
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GP ALPHAW Q(PSF) 20.581 12.17180 35.36102 GRADIENT .00000 00000	CP1 05813	CP2 08703	CP3 05722	CP4 07087	CP5 06865	CP5 05085	BETA
GRADIENT .00000 .00000	.00000	00000	.00000	.00000	.00000	05085	.00000

DATE	90	JUI	_	78

# CA-8 - FORCE SOURCE DATA TABULATION

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11.V=D1	K3.1T57H15.		
TOA G	No. I In Inin	h IFZOTCH	000E7E

(PJF266) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.000	0 SO.FT. XMRP					PARAMETRIC	DATA	
LREF = 327.800 BREF = 2348.000	0 IN. YMRP 0 IN. ZMRP	= .0000	IN.XC IN.YC IN.ZC		ALPHAW = STAB =		RN/L = ELEVTR =	1.090
SEALE = .040	0 RUN NO				IORB = BDFLAP =		<b>—</b> . —	-5.000

MACH GP	EBG/ U		GRADIENT INTERVAL	<b>=</b> -5.00/	5.00		•
.155 11.276 .155 13.970 .155 24.006 .156 32.866 GRADIENT	ALPHAW Q(PSF .09192 35.1406 .13459 35.1768 .17907 35.2863 .11722 35.4811 .00000 .0000	0 .02988 5 .02383 6 .00458 -	CP2 CP3 .00813 .01566 .00147 .00819 .0157001105 .0291002505 .00000 .00000	CP4 02100 01803 01642 01210 .00000	CP5 04542 04223 04131 03780 .00000	CP6 03345 02961 02984 02650 .00000	BETA .00000 .00000 .00000 .00000

# (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF267) ( 01 JUN 76 )

### REFERENCE DATA

SREF	<b>=</b> 5500.000	0 SO ET	XMRP =					PARAMETRIC	DATA	
LREF BREF	= 327.800 = 2348.000	O IN.	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC		ALPHAW = STAB =	4.187 -2.000	RN/L = ELEVTR =	1.090
SCALE	= .040	0		130.7500	114.20		IORB = BOFLAP =	8.000 .000	ELEVON =	.000 -5.000

						-,,	.000	
	RUN NO. 267/ 0	RN/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH GP .155 11.332 .155 13.611 .155 22.870 .155 38.979 .156 53.915 GRADIENT	ALPHAW 0(P 4.18669 35.19 4.15868 35.12 4.14236 35.36 4.20607 35.28 4.16281 35.40 .00000 .00	843 .03662 005 .03299 405 .01682 91200887	CP? '_111 .01594 .00092 02481 03411	CP3 .02893 .02336 .00722 01956 02977 .00000	CP4 00080 00008 00669 .00170 00668	CP5 02558 02453 03139 02310 03118 .00000	CP6 01136 01000 01681 00849 01607 .00000	BETA .GC000 .00000 .00000 .00000

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(CA-8) K3.1T57H15.6.1F30TS402G5.3	.5	5
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( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500,0000 SQ.F LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP =	9100 IN.XC 0000 IN.YC 7500 IN.ZC	S 1	LPHAW = 6.100 TAB = -2.000 ORB = 8.000 DFLAP = .000	RN/L = 1.090 ELEVIR = .000 ELEVON = -5.000
	RUN NO. 268/ 0	RN/L = .00 GRAD	IENT INTERVAL = -5.00/	5.00	
MACH GP .155 11.341 .155 12.673 .155 21.786 .155 37.654 .155 53.326 .155 63.784 GRADIENT	3 6.08402 35.11 5 6.11921 35.18 4 6.17567 35.35 2 6.23037 35.24 4 6.18539 35.32	103 .03859 .0245 739 .03800 .0244 047 .01567 .0012 357011200259 171021110364	1 .0325701078 5 .0082900054 302075 .00010 60309701164 00379101145	032840 022810 023030 033480 035470	26 BETA 11191 .00000 11874 .00000 10875 .00000 10691 .00000 11795 .00000 11996 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF269) ( 01 JUN 76 )

### REFERENCE DATA

					3 1			4 4 4						
SREF	=	5500,0000	SQ.FT.	XMRP	,	1339.9100	IN.XC				ALPHAW =	8.172	RN/L =	1.090
LREF	=	327.8000	IN.	YMRP	=	.0000	IN.YC				STAB =	-2.000	ELEVTR =	.000
BREF	=	2348.0000	IN.	ZMRP	=	190.7500	IN.ZC				IORB =	8.000	ELEVON =	-5.000
SCAL	=	.0400									BDFLAP =	.000		
		사는 사람들은 물을 받는데 된	Anna Carlotte	14 July 19 19 19										

							· .	
RUN NO.	269/ 0 1	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/	5.00	
						1970		

MACH GP	ALPHAW	Q(PSF)	CPI	Cb5	CP3	CP4	CP5	CP6	BETA
.155 11.340	8.17161	35.25356	.03095	.01783	.02765	00807	02792	01418	.00000
.155 12.444	8.13812	34.99672	.02785	.01443	.02368	01489	03394	02078	.00000
.155 21.838	8.12892	35.25278	.00492	00793	00030	00555	02607	01040	.00000
.155 37.809	8.19445	35.32637	01955	03323	02706	01526	03564	01912	.00000
.155 53.304	8.20045	35.31628	03025	04508	03914	01933	03901	02197	.00000
.156 74.495	8.26465	35.42061	04156	05637	05058	02787	04819	03011	.00000
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 06 JUL 76

SREF = 5500.0000 SQ.FT.

LREF = 327.8000 IN.

#### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 533

		.6.1F30T9	

(PJF270) ( 01 JUN 76 )

2		_	-	•	-		r	_	_		T	
н	•	-			-	N	•	-	17	Δ	- 1	Ω

#### 1.090 ALPHAW = 10.130 RN/L = XMRP = 1339.9100 IN.XCYMRP = .0000 IN.YC STAB = -2.000 ELEVTR = .000 IORR = ELEVON = -5.000 ZMRP = 190.7500 IN.ZC 8.000

BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC 10RB = 8.000 SCALE = .0400 BDFLAP = .000

		RUN NO.	270/ 0 RI	N/L = .00	GRADIENT INTE	RVAL = -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CPI	CP2 CP3	·	CP5	CP6	BETA
.155	11.327	10.12962	35.22001	.02245	.01077 .02	23702281	03943	02543	.00000
. 155	12.406	10,10751	35.18383	.01640	.00303 .01	52401828	03556	02093	.00000
. 155	21.307	10,10434	35.15853	00170	0147800	01690	03471	01821	.00000
. 155	37.661	10.18804	35.22060	03713	0504104	36502004	03819	01863	.00000
.156	53.079	10.20497	35.58854	04526	0595905	14103565	05339	03498	.00000
. 156	84.747	10.28851	35.49197	06371	0778407	04004786	06584	04673	.00000
(	GRADIENT	.00000	.00000	. J0000	.00000 .00	00000 0000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF271) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

PARAMETRIC DATA

	10.00		a Silvaria										
SREF	=	5500.0000	SQ.FT.	. XMRP	=	1339.9100	IN.XC			ALPHAW =	12.184	RN/L =	1.090
LREF	=	327.8000	IN.	YMRP	= ,	.0000	IN.YC			STAB =	-2.000	ELEVTR =	.000
BREF	=	2348.0000	IN.	ZMRP	=	190.7500	IN.ZC			IORB =	8.000	ELEVON =	-5.000
SCALE.	= 10,	. 0400								BOFLAP =	.000		

### RUN NO. 271/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	20.602	12.18399	35.18836	01289	02559	01472	03485	- 05078	03401	.00000
. 155	23.928	12.17298	35.34242	02156	03352	02280	04084	05630	03941	.00000
. 156	39.960	12.18791	35.46019	05340	05659	05793	04252	-,05890	03800	.00000
.155	55.415	12.20997	35.24419	06460	07852	07026	05336	06930	04948	.00000
. 155	97.760	12.35868	35.27510	08978	10426	09539	07392	08984	06906	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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54.000

SCALE =

#### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(PJF272) ( 01 JUN 76 )

PARAMETRIC DATA

.000

PARAMETRIC DATA

GP

BDFLAP =

					n		

.0400

#### 1.090 RN/L = BETA = .000 SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC .000 ELEVTR = LREF = 327.8000 IN. YMRP = ,0000 IN.YC STAB = -2.000 8.000 ELEVON = -5.000 BREF = 2348.0000 IN. ZMRP = IORB = 190.7500 IN.ZC

RUN NO. 272/ D RN/L = .00 GRADIENT INTERVAL =	-5.00/ 5.0.

MACH	ALPHAW	BETA	Q(PSF) CP1	CP2 CP3	CP4	CP5	CP6
.155	4.377	.00000	35.2827701801	0367203093	-,01055	02765	01484
. 155	6.444	.00000	35.1201402164	0407003192	01350	02971	01532
. 156	8.482	.00000	35.4410602385	0423203155	02655	04262	02608
. 155	10.476	.00000	35.1066504621	0631805261	- 03534	05076	03153
. 155	12.539	.00000	35.2554406357	0789806805	05562	07026	05001
	GRADIENT	,00000	.00000 .00000	.00000 .00000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF273) [ 01 JUN 76 ]

### REFERENCE DATA

이 눈물 하는 수 있다. 이 분들에게 된다. 눈도들도 이렇게 하는 일 사람이들은 그는 이번 모든 사람이 되었다는 이번 모든 사람이다.		
SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC	ALPHAW = .208	RN/L = 1.090
LREF = 327.8000 IN. YMRP = .0000 IN.YC	STAB = -2.000	ELEVTR = .000
BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC	IORB = 8.000	ELEVON = $-5.000$
- SCALE (= 3,000 to 2,0400 to 3,000 to 3,000 to 3,000 to 3,000 to 3,000 to 3,000 to 3,000 to 3,000 to 3,000 to	BOFLAP = -11.700	

RUN NO 273/ 0	RN/I = I	IN GRADIENT INTERVAL	= -5.00/ 5	5.00

MACH	GP	ALPHAW	Q(PSF)	CP \$	CP2	CP3	CP4	CP5	CP6	BETA
.155	11.278	.20791	35.11574	.03181	.00814	.01638	02101	04466	03275	.00000
. 155	14.419	.15965	35.22980	.02300	00017	.00588	01870	04275	03112	.00000
.155	24.483	.11514	35.04625	19800.	01429	00817	01691	04184	03013	.00000
.155	33.369	.17732	35.08268	00384	02508	02068	01303	03865	02785	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

<del>( -</del>

DATE OF JUL 76

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-B) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF274) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

### REFERENCE DATA

SREF = 5500.0000 SQ.FT.	XMRP =	1339,9100 IN.XC	ALPHAW = 4.170	RN/L = 1.090
LREF = 327.8000 IN.	YMRP =	.0000 IN.YC	STAB = -2.000	ELEVTR = .000
BREF = 2348.0000 IN.	ZMRP =	190.7500 IN.ZC	IORB = 8.000	ELEVON = -5.000
SCALE = 0400			BDFLAP = -11.700	

	RUN NO. 274/ 0 F	N/L = .00	GRADIENT INTER	/AL = -5.00/	5.00		
MACH GP	ALPHAW Q(PSF)	CP1	CP2 CP3	CP4	CP5	CP6	BETA
.155 11.331	4.16978 35.04202	.04080	.02381 .0329	00630	03122	01648	.00000
.155 13.417	4,14721 35,13502	.03585	.01821 .027.	3500237	02765	01341	.00000
.155 22.665	4.12115 34,98891	.01865	.00274 .0095	00049	02680	01265	.00000
.155 38.786	4.14861 35.17541	00614 -	022540178	33 .00492	02137	00658	.00000
.155 53.725	4.23338 35.29065	01419 -	03142027	00259	02887	01418	.00000
GRADIENT	.00000	.00000	.00000 .0000	סניססס. סנ	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF275) ( 01 JUN 76 )

### REFERENCE DATA

SREF	= 5500.0000 SQ	.FT. XMRP =	1339.9100 IN.XC	ALPHA	W = 6.144	RN/L = 1.090
LREF	= 327.8000 IN	. YMRP =	.0000 IN.YC	STAB	= -2.000	ELEVTR = .000
BREF	= 2348.0000 IN	. ZMRP =	190.7500 IN.ZC	IORB	= 8.000	ELEVON = $-5000$
SCAL	F = 0400			BOFI A	P = -11.700	

	gata de California	RUN NU.	בוסי ט אאי	L = .00	GRADIENI	INTERVAL	= -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341	6.14375	35.08444	.03562	.02215	.02904	00168	02526	01136	.00000
. 155	12.877	6.10518	34.92329	.03335	.02027	.02670	00094	02529	01149	.00000
. 155	21.989	6.10054	35.14456	.01220	00171	.00407	.00333	02117	00636	.00000
. 155	37.856	6.14965	34.91389	01190	02532	02178	.00459	02082	-,00446	.00000
. 155	64.002	6.21091	35.14036	02725	04132	03786	01278	03743	02171,	.00000
	GRADIENT	nnnnn	nonn	ິດກາດກາ	በበበበበ	00000	nnnnn	nnnn	. 00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

### (PJF276) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

100	SREF	=	5500,0000	SQ.FT.	XMRP	= 13	39.9100	INL VC						
1	REF	=	327.8000		YMRP						ALPHAW =	8.179	RN/L =	1.090
. [	RFF	=	2348.0000	IN	ZMRP			IN.YC			STAB =	-2.000	ELEVTR =	.000
	SCALE	255	.0400	1194	ZUR	= i	90.7500	IN.ZC			IORB =		ELEVON =	
	JOALL	77	.0700									-11.700	LLLVOIV -	-3.000
	1000	0.50									DUI LAI -	-11.700		

	RUN NO.	276/ 0 RN/L	= .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP .155 11.340 .155 12.524 .155 21.932 .155 37.878 .155 53.377 .156 74.585 GRADIENI	8.16119 8.14827 8.15270 8.24323 8.26207	35.11950 35.08879 35.03840 35.11251 35.34574	.01865 .03247	04506	CP3 .02726 .02167 .00115 02671 04130 05255 .00000	CP4 00442 00350 00506 00869 01300 02289 .00000	CP5026980258802789031720365504602 .00000	CP6012350117501245015110191102828 .00000	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

### (PJF277) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

그는 현실 하는 사람들은 하는 사람들은 사람들이 있는 사람들이 되는 사람들이 되었다.			. INTO DATA	
SREF = 5500.0000 SQ.FT. XMRP LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP SCALE = .0400	= .0000 IN.YC	ALPHAW = STAB = IORB = BDFLAP =	10.178 RN/L = -2.000 ELEVTR = 8.000 ELEVON = -11.750	1.090 .000 -5.000

	RUN NO. 277/ 0 RN/L = .00	GRADIENT INTERVAL = -5.00/ 5.00	
MACH GP .155 11.327 .155 12.662 .155 21.587 .155 37.910 .155 53.324 .155 85.017 GRADIENT	10.16185 35.0371303286 10.17902 35.2890604631	CP2 CP3 CP4 CP5 .01197 .021610212504138 .00669 .0156301828038660136400645017570383404505040740196304070058560538002771048790788207506C414906224 .00000 .00000 .00000	CP6 BETA02822 .0000002485 .0000002209 .0000002218 .0000002974 .0000004347 .0000000000 .00000

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                CA-8 - FORCE SOURCE DATA TABULATION
DATE OF JUL 76
                                                                                                                ( 01 JUN 76 )
                                                                                                       (PJF278)
                                       (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5
                                                                                                   PARAMETRIC DATA
            REFERENCE DATA
                                                                                                              RN/L =
                                                                                                     12.184
                                                                                         ALPHAW =
                                                                                                                          .000
                            XMRP = 1339.9100 IN.XC
                                                                                                              ELEVTR =
SREF = 5500.0000 SQ.FT.
                                                                                                     -2.000
                                                                                         STAB
                                         .0000 IN.YC
                                                                                                              ELEVON =
                                                                                                                          -5.000
                            YMRP =
                                                                                                     8.000
         327.8000 IN.
                                                                                         IORB
                                                                                                =
LREF
     =
                            ZMRP =
                                     190.7500 IN.ZC
         2348.0000 IN.
                                                                                         BDFLAP =
                                                                                                    -11.700
BREF =
             .0400
SCALE =
                                                              GRADIENT INTERVAL = -5.00/ 5.00
                                                        .00
                          RUN NO. 278/ 0 RN/L =
                                                                                               CP5
                                                                                                          CP6
                                                                                    CP4
                                                                         CP3
                                                              CP2
                                                  CP1
                                                                                                                     .00000
                                        Q(PSF)
                            ALPHAW
                                                                                                         -.03620
                 GP
                                                                                              -.05196
       MACH
                                                                                   -.03327
                                                                        -.01650
                                                             -.02445
                                                 -.01508
                                      35.17209
                           12.18423
                                                                                                                      .00000
                 20.609
                                                                                                         -.03672
                                                                                              -.05380
        . 155
                                                                                   -.03555
                                                                        -.03212
                                                             -.03910
                                      35.16174
                                                  -.02938
                                                                                                                      .00000
                                                                                                         -.03218
                 23.936
                           12.17514
                                                                                              -.05248
        .155
                                                                                   -.03307
                                                                        -.05949
                                                             -.06389
                                                  -.05381
                           12.19623
                                      35.44841
                                                                                                                      .00000
                 39.963
                                                                                              -.05781
                                                                                                         -.04738
        .156
                                                                                   -.04814
                                                                        -.07615
                                                             -.08025
                                                  -.06927
                                                                                                                      .00000
                                      35.03552
                           12.21449
                                                                                                         -.06951
                 55.439
                                                                                              -.09023
        .155
                                                                                   -.07085
                                                                        -.09758
                                                             -.10219
                                                  -.09110
                                                                                                                      .00000
                                      35.08789
                 97.786
                           12.39746
                                                                                               .00000
                                                                                                           .00000
                                                                                    .00000
        . 155
                                                              .00000
                                                                         .00000
                                                   .00000
                             .00000
                                        .00000
                GRADIENT
                                                                                                                 ( D1 JUN 76 )
                                                                                                       (PJF279)
                                        (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5
                                                                                                   PARAMETRIC DATA
               REFERENCE DATA
                                                                                                                            1.090
                                                                                                               RN/L
                                                                                                        . 160
                                                                                          ALPHAW =
                                      1339.9100 IN.XC
                                                                                                              ELEVTR =
                                                                                                                            .000
                             XMRP
                                                                                                      -4.000
          5500.0000 SQ.FT.
                                                                                          STAB =
                                         .0000 IN.YC
                                                                                                                           -5.000
                                  · =,
                                                                                                              ELEVON =
                             YMRP
                                                                                                       8.000
      -
           327.8000 IN.
                                                                                          10RB
                                       190.7500 IN.ZC
                             ZMRP =
         2348.0000 IN.
                                                                                          BDFLAP =
                                                                                                     -11.700
BREF =
              .0400
 SCALE =
                                                              GRADIENT INTERVAL = -5.00/ 5.00
                                                        .00
                           RUN NO. 279/ 0 RN/L =
                                                                                                           CP6
                                                                          CP3
                                                                                     CP4
                                                              CP2
                                                   CP!
                                                                                                                      .00000
                                        Q(PSF)
                                                                                                          -.02911
                             AL PHAW
        MACH
                                                                                               -.03799
                                                                                    -.01916
                                                                         .01483
                                                               .01308
                                                    .03367
                                                                                                                      .00000
                                      35.22868
                             .16019
                                                                                                          -.02813
                  11.277
                                                                                               -.03689
         . 155
                                                                                    -.01826
                                                              .00580
                                                                         .00692
                                                    .02606
                                      35.19837
                                                                                                                      .00000
                  14.036
                             .11549
                                                                                               -.03478
                                                                                                          -.02662
         . 155
                                                                                    -.01465
                                                              -.01499
                                                                         -.01480
                                                   .00371
                                                                                                                      .00000
                             .13709
                                      35.08700
                                                                                                          -.02467
                  24.101
                                                                                               -.03329
         , 155
                                                                                    -.01234
                                                                         -.02334
                                                              -.02392
                                                   -.00384
                                      35.14114
                                                                                                                       .00000
                             .14570
                                                                                                           .00000
                  32.972
                                                                                                .00000
         . 155
                                                                                     .00000
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                GRADIENT
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and at the large to the total and another the state of th

#### (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(PJF280) ( 01 JUN 76 )

#### REFERENCE DATA

1、 1、 1、 1、 1、 1、 1、 1、 1、 1、 1、 1、 1、 1			
SREF = 5500.0000 SQ.FT. XMRP = 1339	.9100 IN.XC	ALPHAW = 4.141	RN/L = 1.090
LREF = 327.8000 IN. YMRP =	.0000 IN.YC		ELEVTR = .000
BREF = 2348,0000 IN. ZMRP = 190	.7500 IN.CC		ELEVON = -5.000
SCALE = .0400		BDFLAP = -11.700	

RUN NO. 280/0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 CP1 CP3 CP4 CP5 CP6 ALPHAW Q(PSF) CP2 .02945 -.00510 -.02442 4.14098 35.16944 .03991 .02275 35.16233 .03571 .01795 .02529 -.00260 -.02200 4.11639

BETA MACH .00000 -.01283 . 155 11.331 -.01077 .00000 . 155 13,180 -.02029 -.00768 .00000 . 155 22.455 4.09186 35.05646 .01568 -.00051 .00471 .00041 -.01904 -.00598 .00000 38.573 35.12805 -.00671 -.02346 -.01921 .00267 . 155 4.20697 -.02656 -.01346 .00000 -.03371 -.02960 -.00576 . 155 53,509 4.17857 35.27649 -.01582 .00000 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000

(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

### (PJF281) ( 01 JUN 75 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP =	1339.9100 IN.XC	ALPHAW = 6.199	RN/L = 1.090
LREF = 327.8000 IN. YMRP =		STAB = -4.000	ELEVTR = .000
BREF = 2348.0000 IN. ZMRP =	190.7500 IN.ZC	IORB = 8.000	ELEVON = $-5.000$
SCALE = .0400		BDFLAP = -11.700	

	RUN NO. 281/ 0 RN/L = .00	GRADIENT INTERVAL = -5.00	0/ 5.00	
MACH GP .155 11.341 .155 13.021 .155 22.114 .154 37.976 .155 53.636 .155 G4.123 GRADIENT	6.13201 34.8311000726	CP2 CP3 CP4 .02416 .032850069 .01661 .025200044 .00299 .01080005602372017660015037420314400930442003354013	02355 2802469 5702180 3802978 3103441	CP6 BETA01257 .0000001050 .0000001215 .0000001736 .0000001899 .00000 .00000 .00000

DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	rion	PAGE 539
	(CA-8) K3.1TS7H15.6.	1F30TS40165.3.5	(PJF282) ( 01 JUN 76 )
REFERENCE D	ATA TO THE STATE OF THE STATE O		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 lN.XC YMRP = .0000 lN.YC ZMRP = 190.7500 lN.ZC		ALPHAW = 8.128 RN/L = 1.090 STAB = -4.000 ELEVTR = .000 10RB = 8.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 282/ 0 RN/L = .00	GRADIENT INTERVAL =	<b>-5.00</b> / <b>5.00</b>
MACH GP .155 11.340 .155 12.144 .155 21.525 .155 37.489 .155 53.002 .155 74.191 GRADIENT	ALPHAW Q(PSF) CP1 8.12765 35.18486 .03433 8.10140 35.12488 .03276 8.16051 35.06268 .00484 8.16267 35.0672901845 8.24154 35.3268603058 8.25922 35.1869704402 .00000 .00000	.01820 .02858 0104000167 0340202693 0459903946	CP4
	(CA-8) K3.1TS7H15.6.	1F30TS40165.3.5	(PJF283) ( 01 JUN 76 )
REFERENCE D	ATA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.137 RN/L = 1.090 STAB = -4.000 ELEVTR = .000 IORB = 8.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 283/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
MACH GP .155 11.327 .155 12.197 .155 21.125 .154 37.449 .155 52.871 .156 84.556 GRADIENT	ALPHAW 0(F5F) CP1 10.13719 35.30007 .02603 10.10914 35.20519 .01886 10.10770 35.0954200446 10.16053 34.7384803336 10.17682 35.2320304166 10.30650 35.3875905876 .00000 .00000	.00530 .01613 - 0182100846 - 0462103870 - 0556504773 - 0734706675 -	CP4

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PAGE 540

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF284) ( 01 JUN 76 )

					ΑΤΑ	

#### ALPHAW = SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC 12.159 RN/L = 1.090 LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = -4.000 ELEVTR = .000 8.000 ELEVON = -5.000 ZMRP = 190.7500 IN.ZCIORB =

BREF = 2348,0000 IN.

RUN NO.	204 / N	RN/L =	.00	COADIENT	TAITEDVAL	<b>= -5.00/</b>	5 00
TON NO.	COT/ U	MIN L		OUMDIEM	TIMELLAND	~ 3.00/	7.00

MACH	GP	ALPHAW	Q(PSF)	CP1 (	CP2	CP3	CP4	CP5	СРБ	BETA
. 155	20.594	12.15881	35.08630	01326	.02507	01591	03492	05146	03602	.00000
. 155	23.917	12.13989	35.04841	01807	.03088	02063	03790	05541	03888	.00000
. 155	39.936	12.16459	34.98958	05201	.06516	05763	0+043	05717	03806	.00000
.156	55.435	12.23866	35.39067	06401	.07714	07034	05115	06784	04775	.00000
.156	97,763	12.33376	35.38719	08637	10035	09273	07056	08735	06727	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.07000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

#### (PJF285) ( 01 JUN 76 )

# REFERENCE DATA

#### PARAMETRIC DATA

PARAMETRIC DATA

BDFLAP = -11.700

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC	ALPHAW = .	120 RN/L =	1.090
LREF = 327.8000 IN. YMRP = .0000 IN.YC	STAB = .!	000 ELEVTR =	.000
BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC		000 ELEVON =	-5.000
□ SCALE (= 10 to 1, 0400 - 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to 10 to	BDFLAP = -11.	700	

RUN NO.				GRADIENT	-5.00/	5.00
	285/ 0	RN/I =	. 00			

MACH GP	ALPHAW 0(PSF)	CP1 CP2	CP3	CP4	CP5	CP6	BETA
.155 11.277	.12034 35.17145	.03570 .01291	.01677	02758	04457	03621	.00000
.155 14.097	.12338 35.05320	.03001 .00582	.01105	02102	03769	02995	.00000
.155 24.150 .156 33.033 GRADIENT	.15289 35.08418 .19621 35.41966 .00000 .00000	.0116101132 0051602753	00820 02473 .00000	07123 01730 .00000	03943 03605 .00000	03094 02811 .00000	.00000 .00000 .00000

DATE 06 JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

#### (CA-8) K3.1TS7H15.6.1F30TS40165.3.5 PAGE 541 REFERENCE DATA (PJF286) ( 01 JUN 76 ) SREF 5500.0000 SQ.FT. YMRP = LREF 1339.9100 IN.XC PARAMETRIC DATA 327.8000 IN. YMRP. BREF = 2348.0000 IN. .0000 IN.YC ZMRP ALPHAW = SCALE = 190.7500 IN.ZC .0400 4.113 RN/L 1.090 STAB . .000 ELEVTR = IORB .000 8.000 ELEVON = RUN NO. BDFLAP = 286/ 0 -5.000 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 -11.700MACH CD ALPHAM . 155 11.331 Q(PSF) CPI 4.11262 CP2 .155 35.21354 CP3 .04042 13.282 CP4 4.08430 .02086 35.09969 CP5 .03949 .02998 .155 CP6 22.573 -.00920 BETA 4.14403 .02031 -.02644 38.655 53.618 . 155 35.12366 -.01577 .02858 -.00714 .00000 4.10516 .00059 -.02446 35.30689 .155 .00905 -.01337 -.00466 -.00712 .00000 4.21324 -.05351 -.02535 35.24990 GRADIENT -.01705 -.01309 -.01611 -.00306 .00000 .00000 -.03578 -.02242 .00000 -.02991 -.00977 .00000 -.00825 .00000 -.02848 .00000 .00000 -.01532 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5 REFERENCE DATA (PJF287) ( 01 JUN 76 ) 5500.0000 SQ.FT. XMRP = PARAMETRIC DATA LREF 327.8000 IN. 1339.9100 IN.XC YMRP = BREF = .0000 IN.YC 2348.0000 IN. ZMRP = ALPHAW = SCALE = 190.7500 IN.ZC 6.125 .0400 RN/L = STAB = .000 ELEVTR = 10RB .000 9.000 ELEVON = RUN NO. 287/ 0 BDFLAP = -5.000 RN/L = .00 -11.700 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW .156 Q(PSF) 11.341 CP1 CP2 6.12473 35.42848 .155 CP3 12.819 .03492 CP4 6.09758 .01674 CP5 35.06380 . 155 CP6 .02743 21.946 .03767 -.00853 BETA 6.15792 -.02625 .01966 35.26652 . 155 .02949 -.01426 -.00554 37.799 .01496 6.14451 -00000 -.00268 -.02361 -155 35.15481 -.00800 -.01957 -.03096 .00000 -.01131 .00648 53.463 6.22045 -.00759 .00000 -.02597 -.02614 +156 35.18383 -.01813 -.01290 63.971 -.00438 .00000 6.27445 -.03763 -.02423 35.41195 -.03028 GRADIENT -.00961 -.01324 .00000 .00000 -.04911 -.03295 .00000 -.04284 -.01798

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--01390

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-.03425

-00000

-.01917

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-00000

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#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(PJF288) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN.	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = STAB =	8.199 RN/L = .000 ELEVTR =	1.090
SCALE = .0400	ZMRP = 190.7500 IN.ZC	IORB = BDFLAP =	8.000 ELEVON = -11.700	-5.000

	RUN NU.	288/ 0 RN/L =	• .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH GP .155 11.340 .155 12.712 .155 22.099 .155 38.080 .156 53.567 .155 74.763 GRADIENT	ALPHAW 8.19856 8.17297 8.16611 8.16707 8.16176 8.23374 .00000	35.15742 . 35.14261 . 35.34500 . 34.98659 35.37176 35.33394	01798 03138	04800	CP3 .02681 .02592 .00177 02691 04060 05332	CP4 01329 01374 00805 01097 021882 02000	CP5030470313802724030470410804839 .00000	CP6018260187801220013270242603086	BETA .00000 .00000 .00000 .00000 .00000

#### (CA-B) K3.1T57H15.6.1F30T5401G5.3.5

(PJF289) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF		EE00 0000	CO CT WOOD											
		5500.0000			1339.9100					ALPHAW =	10.130	RN/L :	= 1	1.090
LUEL	-	327.8000	IN. YMRP		,,,,,,	IN.YC				STAB =	.000	ELEVTR :	=	.000
		2348.0000		= .	190.7500	IN.ZC				IORB =		ELEVON		5.000
SCALE	=	.0400								BDFLAP =	-11.700			

RUN NO.							
		RN/L =	.00	GRADIENT			

MACH GP ALPHAW Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6  .155 11.327 10.12985 35.05277 .02081 .00724 .01952023330407102770  .155 12.414 10.10194 35.07295 .01944 .00562 .01741022630398402628  .155 21.327 10.15273 35.23000007930218701257016660350901857  .155 37.674 10.16785 35.40033034150477504060022920417702391  .155 53.078 10.17948 35.20493049840641405811032290514603168  .156 84.756 10.31858 35.34685062510767207086045300649004588	3 .00000 0 .00000 .00000 5 .00000
GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000	, , , , , , , , , , , , , , , , , , , ,

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DATE 06 JUL 76

## CA-8 - FORCE SOURCE DATA TABULATION

PAGE 543

(CA-8) K3		

(PJF290) ( 01 JUN 76 )

		NCE	DAT	

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-.03889 -.04152 -.03695

	SREF	= 550	0.J000 SQ.FT.	XMRP					PARAMETRIC DATA	
	LREF	= 32	7.8000 IN.		1339,9100 0000.	IN.XC			ALPHAW = 12.171 RN/L = 1.090	
	BREF SCALE	= 234	8.0000 IN.	Zh:	= 190.7500	IN.ZC			STAB # .000 ELEVTR # .000	
	JUNCE		.0400						IORB = 8.000 ELEVON = -5.000 BDFLAP = -11.700	
				RUN NO.	290/ 0 RN	/L = .00	601015		그 얼마를 하는 사람들은 사람들이 살아 있다면 하는 것이 되었다.	
		MACH	6P			, - , 00	GRADIENI	INTERVAL	=-5.00/ 35.00 http://doi.org/10.100/10.100/	
		154	20.609	ALPHAW 12.17091	Q(PSF) 34.78718	CP1	CP2	CP3	CP4 CP5 CP6 BFTA	
į		. 155	23.959	12.16184	35.15338	00927 02314	02057 03497	00981	042480596004536 .00000	
J. 1		.154	39.964 55.447	12.18330	34.93000	05487	- 06685	02599 06087	035910545703795 .00000	
		. 155	97.797	12.36843	35.33237 35.34906	06708 08971	07996	07302	051210694404962 nnonn	
			GRADIENT	.00000	.00000	.00000	10226 .00000	09642	072890908007097 .00000	
								.00000	00000. 00000. 00000.	
r d					(CA-8) K	3.1TS7	F30TS401G5	<b>7</b>		
			REFERENCE DA	\TA				.3.3	(PJF291) ( 01 JUN 76 )	
_	SREF	= 55aa							PARAMETRIC DATA	
		= 327	.0000 SQ.FT. .8000 IN.	XMRP = YMRP =		N.XC			AT DUALL - 221	
		= 2348	.0000 IN.	ZMRP =	1 0000	N.YC			ALPHAW = .231 RN/L = 1.090 10RB = 8.000 ELEVON = -5.000	
5	CALE	-	.0400		.30.7300 1	14.ZC			BDFLAP = -11.700	
				RUN NO.	291/ 0 RN/					
		MACH			cati o RM/	L = .00	GRADIENT	INTERVAL	= -5.00/ 5.00	
4)		MACH , 156	GP 11.279	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4 CP5 CP6 PETA	
		. 155	15.205	.23101	35.52674 35.27387	.03349 .02432	.01167	.01993	016180369502678 nnnn	
1.		. 155 . 155	25.330	.12886	35.10366	.00951	.00300 01063	.00953 00519	016880388902857 .00000	
H,		. 4	34.258 GRADIENT	. 16487 . 00000	35.00068 .00000	00848	02740	02416	018720415203103 .00000 012120369502664 .00000	
			그런 연구하다	. 40000	•00000	.00000	.00000	.00000	016120369502664 .00000 00000 .00000 .00000	

PAGE 544

(CA-8) K3.1TS7 F30TS40105.3.5										(PJF292) (	01 JUN 76 1
	ſ	REFERENCE D	ATA						PAR	AMETRIC DATA	
SREF LREF BREF SCALE	= 327.8 = 2348.0	0000 SQ.FT. 3000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			1 OF	RB = {	+.088 RN/L 3.000 ELEVO	= 1.090 N = -5.000
			RUN NO. 2	2927 O RN	/L = .00	GRADIEN	T INTERVAL	-5.00/	5.00		
	MACH .155 .155 .154 .154 .155	GP 11.331 14.457 22.903 39.155 54.075 GRADIENT	ALPHAW 4.08838 4.05682 4.02564 4.15273 4.26768 .00000	Q(PSF) 35.11776 35.05187 34.92508 34.92949 35.12765 .00000	CP1 .04099 .03362 .01886 00606 01994 .00000	CP2 .02454 .01784 .00324 02141 03561 .00000	CP3 .03473 .02665 .01125 01523 02951 .00000	CP4 00237 00508 00092 00297 00438 .00000	CP50264203011026160288503103	CP60134101615011720140301600 .00000	BETA .00000 .00000 .00000 .00000 .00000
				(CA-8) K	3.1757	F30TS401G	5.3.5			(PJF293) (	01 JUN 76 )
	R	REFERENCE D	ATA						PARA	METRIC DATA	
SREF LREF BREF SCALE	= 327.8 = 2348.0	1000 SQ.FT. 1000 IN. 1000 IN. 1400	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			10R	E = E	3.232 RN/L 3.000 ELEVON .700	= 1.090 1 = -5.000
			RUN NO. 2	93/ 0 RN	'L = .00	GRADIEN	INTERVAL =	-5.00/	5.00		
	MACH .156 .155 .155 .154 .155 .155	GP 11.341 13.797 22.995 38.704 54.401 64.978 GRADIENT	ALPHAW 6.23160 6.20532 6.17734 6.13962 6.11522 6.30888 .00000	Q(PSF) 35.42663 35.03717 35.13907 34.96213 35.17826 35.24527 .00000	CP1 .03!41 .04035 .01063 01544 02233 03250 .00000	CP2 .01811 .02704 00171 02739 03489 04422 .00000	CP3 .02781 .03638 .00524 02210 02951 04063 .00000	CP4 00042 00873 .00015 .00114 01142 01119 .00000	CP5025340338402612026360382103841	CP6 01076 01969 01028 00957 02151 02146 .00000	BETA .00000 .00000 .00000 .00000 .00000

PAGE 545 DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION F30TS401G5.3.5 ( 01 JUN 76 ) (CA-8) K3.1TS7 (PJF294) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC ALPHAW = 8.170 RN/L 1.090 LREF = 327.8000 IN. YMRP = .0000 IN.YC IORB = 8.000 ELEVON = -5.000BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC BDFLAP = -11.700SCALE = .0400 RUN NO. 294/ 0 RN/L = .00 GRADIENT INTERVAL = -5,00/ 5.00 CP4 CP5 CP6 ALPHAW O(PSF) CPI CP2 CP3 BETA MACH .157 8.17000 .03004 .00000 11.340 35.88585 .03110 .02121 -.00813 -.03271 -.01813 . 156 13.032 8.15029 35.82376 .02470 .02371 -.00901 -.03436 -.01883 .00000 .01499 .157 -.00863 -.03194 .00000 22.532 8.13060 36.03918 .00100 -.00218 -.00567 -.01461 . 154 38.148 8.10261 -.03340 -.02908 -.00525 -.03272 -.01382 .00000 34.89911 -.02369 -.04062 . 155 53.862 8.26566 35.02636 -.03309 -.04392 -.03943 -.01302 -.02123 .00000 74.924 8.21096 35.40592 -.05980 -.05620 -.02359 -.05089 -.03151 .00000 . 155 -.04962 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1T57 F30TS401G5.3.5 (PJF295) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC ALPHAW = 10.141 RN/L = 1.090 327.8000 !N. YMRP = IORB = .0000 IN.YC 8.000 ELEVON = -5.000 7MRP = 190.7500 IN.ZC BREF = 2348.0000 IN. BDFLAP = -11.700SCALE = .0400 RUN NO. 295/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6 BETA . 155 10.14119 35.12620 .02240 .01521 .02422 -.01352 -.04294 -.02836 .00000 11.327 . 155 13.814 10.10911 35.09130 .00720 .00149 .00847 -.01306 -.03796 -.02116 .00000 -.04294 -.05013 -.02522 . 155 21.813 10.22361 35.07824 -.00987 -.01660 -.01069 -.01782.00000

-.04022

-.06100

-.07681

.00000

-.04056

-.05708

-.07410

.00000

-.02+27

-.03107

-.04072

.00000

-.03052

-.03702

-.04621

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-.05746

-.06672

.00000

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.00000

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. 154

.155

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38.099

53.669

85.258

GRADIENT

10.22106

10.23540

10.27205

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34.82983

35.35157

35.15345

.00000

-.03730

-.05322

-.06921

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## CA-8 - FORCE SOURCE DATA TABULATION

PAGE 548

											PAGE 546
				(CA-8) K	3.1TS7	F30T54016	5.3.5			(PJF296) (	01 JUN 76 1
		REFERENCE	DATA								0. 0014 70 7
	= 5500	.0000 SQ.FT	XMRP =	. 1770 0100					PAR	AMETRIC DATA	
	= 327 = 2348	.8000 IN. .0000 IN. .0400	YMRP = ZMRP =	.0000	IN.YC			ALPH 10RB BDFL	<b>∓</b> 8	2.141 RN/L 3.000 ELEVO	= 1.090 N = -5.000
								55, 2,		. 700	
	N 1 0 1 1			296/ 0 RN/	'L = .00	GRADIEN	T INTERVAL =	-5.00/ 5	.00		
	MACH .154 .155 .155 .155 .156	GP 20.589 23.849 40.322 55.330 97.816 GRADIENT	ALPHAW 12.14151 12.13216 12.18593 12.27357 12.27266 .00000	Q(PSF) 34.96247 34.96932 35.21995 35.09122 35.42775 .00000	CP1 02088 03281 06280 06956 09174 .00000	CP2 02517 03713 06784 07488 09776 .00000	CP3 01998 03327 06615 07290 09567 .00000	CP4 02907 02357 03639 04831 06441 .00000	CP5 05371 04886 06095 07326 09029 .00000	CP6 03504 02918 03867 05162 06758 .00000	BETA .00000 .00000 .00000 .00000 .00000
				(CA-8) K3	.1TS7H15.6.1	FZOTCHOLOS					
		REFERENCE D	1A.T.A			1,301340165	1.3.5			(PJF297) (	01 JUN 76 )
									PARAI	METRIC DATA	
SREF = LREF = BREF = SCALE =	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	YMRP = ZMRP =	1339.9100 II .0000 II 190.7500 II	N.YC			ALPHA STAB IORB BDFLAI	₩ = = -2. = 8.	.263 RN/L .000 ELEVTR .000 ELEVON	
			RUN NO. 2	97/ 0 RN/L	- = .00	GRADIENT	INTERVAL =	-5.00/ 5.1	nn		
	MACH - 155 - 155 - 155 - 155	GP 11.279 14.372 24.370 33.253 GRADIENT	ALPHAW .25270 .21801 .16503 .09''60 .00000	Q(PSF) 35.34766 35.38004 35.21198 35.07726 .00000		CP2 .01571 .09750 01203 02416 .00000	CP3 .02485 .01488 00558	CP4 01868 01686 01461	CP5 04027 03948 03870 03476 00000	CP5 02861 02775 02707 02360 .00000	BETA .00000 .00000 .00000 .00000

PAGE 547 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (PJF298) ( 01 JUN 76 ) (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 ALPHAW = 4.047 RN/L 1339.9100 IN.XC XMRP = ELEVTR = -23.000 5500.0000 SQ.FT. SREE -2.000 STAR = .0000 IN.YC YMRP = ELEVON = -5.000 327.8000 IN. LREE IORB = 8.000 ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN. BDFLAP = -11.700 SCALE = . 0400 GRADIENT INTERVAL = -5.00/ 5.00 RN/L = .00RUN NO. 298/ 0 RETA CP6 CP5 CP3 CP4 CP2 Q(PSF) CPI ALPHAW GP. .00000 MACH -.01945 -.00805 -.03453 .04152 .02943 .04710 35.14130 4.04743 11.330 . 155 -.00755 .00000 -.02331 .00486 .02067 .02819 .01306 4.12249 35.26952 .155 16.791 -.00824 .00000 -.02400 .00460 .00365 .01107 .01916 35.36861 .155 22.231 4.10865 .00000 -.00752 -.02396 -.01885 .00544 -.02438 -.00903 4.15749 35.04209 37.674 .00000 . 155 -.02916 -.01286 .00017 -.02679 -.03147 35.14231 -.01678 52.767 4.22103 .00000 . 155 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT (01 JUN 76 ) (PJF299) (CA-B) K3.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA ALPHAW = 6.135 RN/L XMRP = 1339.9100 IN.XC 5500.0000 SQ.FT. ELEVTR = SREF = STAB = -2.000 .0000 IN.YC YMRP · ± LREF = 327.8000 IN. ELEVON = IORB = 8.000 ZMRP .= 190.7500 IN.ZC BREF = 2348.0000 IN. -11.700BOFLAP = 0400 SCALE = RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 299/ 0 BETA CP6 CP5 CP3 CP4 CP2 CP1 GP ALPHAW Q(PSF) .00000 MACH -.00745 .00449 -.02408 .03061 .02243 .03448 11.341 6.13541 35.00289 .155 -.01444 .00000 -.00233 -.03104 .03035 .03386 .02252 34.98017 . 155 14.026 6.11146 -.00755 .00000 -.02531 .00433 .00913 .01432 .00301 34.93941 6.09256 .154 21.809 -.00710 .00000 -.02581 .00457 -.02301 -.01889 -.01177 34.94504 . 154 37.469 5.18087 -.01839 .00000 -.03699 -.00731 -.03543 -.03197 -.02391 34.99204 .155 53.311 6.15548 .00000 -.01919 -.03704 -.04080 -.00801 -.04384 -.03142 6.20841 35.13657 63.738 .00000 .155 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 **GRADIENT** 

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# (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

#### REFERENCE DATA

					Wa. 1123U12'	5.11.3015401	G5.3.5			(D )==00.		
		REFERENCE	DATA							(PJF300)	( 01 JUN 76	1
SREF LREF		00.0000 SQ.FT 27.8000 IN.		= 1339.9100	IN.XC				PAR	AMETRIC DATA		
BREF SCAL	= 23	48.0000 IN. .0400	ZMRP	= .0000 = 190.7500	I IN.YC			S1	TAB = _ DRB =	8.209 RN/L 2.000 ELEV 8.000 ELEV 1.700	TR = -23.00	00
			RUN NO.	300/ 0 R	N/L = .00	GRADIEN	IT THEFT			1 - 700		
	MACH	GP	ALPHAW			ONADTE	IT INTERVAL	= -5.00/	5.00			
	. 155 . 155 . 155	12.216	8.20941 8.18326 8.16419	0(PSF) 35.24102 35.18249 34.90780	.03209 .02894 .00629	CP2 .02379 .02089	CP3 .03069 .02756	CF4 .C0100 C0147	CP5 02746 03014	CP6 - 00995	BETA .00000	
	. 154 . 155	53.332 74.372	8.15327 8.19800 8.13760	34.54843 34.47594 35.08923	01739 03102 04786	00066 02538 04033	.00277 02272 03776	00125 00126 01606	02935 03170 04619	01238 01083 01150	.00000	
		GRADIENT	.00000	-00000	.00000	05626 .00000	05585 .00000	00000	05036 00000	02586 02965 .00000	.00000 .00000 .00000	
				(CA-8) K	3.1TS7H15.6.	1570750010						
		REFERENCE D	)ATA			17 30   540   6	0.3.5			(PJF301) (	01 JUN 76 )	)
SREF LREF	= 550 = 32	0.0000 SQ.FT. 7.8000 IN.	XMRP =	1000	IN.xc				PARAI	METRIC DATA		
BREF SCALE	.= : ₽₹ <b>५</b> \$	3.0000 IN. 0400	YMRP = ZMRP =	.0000	IN YC			STA IOR	B = -2.	.143 RN/L .000 ELEVTR .000 ELEVON		1
			RUN NO.	301/0 RN					LAP = -11.	700	5,000	
	MACH			SOLV D KIN	/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	.155 .155 .155 .155	GP 11.327 13.019 20.810 37.598 52.702	ALPHAW 10.14258 10.11915 10.11666 10.18925	0(PSF) 35.05235 34.94515 35.15176 34.99801	CP1 .01878 .01601 00564 03832	CP2 .01460 .01195 00974 04348	CP3 .01946 .01590 00765	CP4 01056 00918 01008	CP5 - 03868 - 03744 - 03905	CP6 02147 01964 01979	BETA .00000 .00000	
	.154		.00000 .00000	34.82077 34.82469 .00000	04822	05307 07203 .00000	04341 05328 07243 .00000	01576 02151 03664 .00000	04422 05119 06586 .00000	02288 02952 04414 .00000	.00000 .00000 .00000	

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DATE 06 JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

PAGE 549 (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

		REFERENCE	DATA					(PJF302) ( 01 JUN 76 )
SREF LREF BREF SCALI	* 32	00.0000 SQ.FT 27.8000 IN. 8.0000 IN. .0400	YMRP ZMRP	- 190.7500	IN YC			PARAMETRIC DATA  ALPHAW = 12.252 RN/L = 1.090 STAB = -2.000 ELEVTR = -23.000 10RB = 8.000 ELEVON = -5.000
	MACH .156 .156 .155 .155	GP 20.560 23.791 40.018 55.257 97.763 GRADIENT	RUN NO.  ALPHAL 12.25231 12.26786 12.23560 12.25568 12.31657 .00000	0(PSF) 35.69344 35.67769 35.21007 35.05472 35.37506 .00000	CPI 02181 02758 05759 06658 08914 .00000	CP2 02414 02978 06075 06988 09355 09000	CP3 02247 02779 06182 07038 09391 .00000	11.700
				(CA-8) K	3.1TS7H15.6	.1F10TS402G	5 7 5	
		REFERENCE D.	ATA				7.3.3	(PJF303) ( 01 JUN 76 )
SREF LREF BREF SCALE	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	.0000 190.7500	IN.YC IN.ZC			PARAMETRIC DATA  ALPHAW = .255 RN/L = 1.090 STAB = -2.000 ELEVTR = -23.000 BDFLAP = .000 ELEVON = -5.000
	MACH		1995 July	303/ 0 RN,	/L = .00	GRADIENT	INTERVAL =	
	.155 .155 .155 .155	GP 11.279 14.997 24.941 33.886 GRADIENT	ALPHAW .25548 .20729 .15496 .08055 .00000	0(PSF) 34.97760 34.97763 35.08663 35.17385 .00000	CPI .02329 .00803 .00072 01334 .00000	CP2 .00204 01293 02052 03266 .00000	CP3 00030 01454 02548 04191 .00000	5.00/ 5.00  CP4

MACH

PAGE 550

/O k O h			
ULA-RI	K3.1TS7H15.6.	1010	
	NO - 1 1 3 / 13 13 . M	16 1111 600000	7 -

### (PJF304) ( 01 JUN 76 )

### REFERENCE DATA

SREF =	5500.0000	SQ.FT. XMF	RP = 1339.9100	The VA			PARAMETRIC DATA	
LREF = BREF = SCALE =	327.8000 2348.0000 .0400	IN. YM		IN.YC	9	ALPHAW = STAB = IORB =	4.075 RN/L -2.000 ELEVTR	
		RUN N	10 3047 o e	NA -		BDFLAP =	8.000 ELEVON .000	= -5.000

	NON NO.	2041 0 BVV	L = .01	GRADIEN	T INTERVAL	= -5.00/	5.00
271	ALPHAW	Q(PSF)	CP1	CPP	CPZ	CDI	

.155 11.331 4.07501 .155 13.172 4.05471 .155 22.528 4.00907 .154 38.530 4.03537 .155 53.603 4.09538 .GRADIENT .00000	35.27487 .02774 35.23167 .02603 35.08491 .00743 34.9006601264 35.0045902430	CP2 CP3 .00870 .01908 .00691 .01660011800037403022025580405403774 .00000 .00000	CP4 CP500851038220130404270008950393200482034370105403817	CP6 BETA02321 .0000002771 .0000002448 .0000001979 .0000002387 .00000
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# (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

### (PJF305) ( 01 JUN 76 )

SREF = 5500.0000 SQ.	FT. XMRP =	1339.9100 IN.XC		PARAMETRIC	DATA
LREF = 327.8000 IN. BREF = 2348.0000 IN.	YMRP =	0000 IN.YC		1AW = 6.060	RN/L = 1.090
SCALE = 2348.0000 IN.	ZMRP =	190.7500 IN.ZC	STAE	= -2.000	ELEVTR = -23.000
여행이라는 해 내는 시민들은 요?			IORE	8.000	ELEVON = -5.000

# RUN NO. 305/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP					5.007	5.00		
. 155 . 155 . 155 . 155 . 155	11.341 21.533 37.417 53.329 63.659 GRADIENT	ALPHAW 6.06019 5.97814 6.13438 6.13921 6.20108 .00000	0(PSF) CP1 35.07987 .02722 34.99325 .00892 34.9499301364 35.1797002317 35.1405302866 .00000 .00000	CP2 .01115 00549 02882 03769 04298 .00000	CP3 .02155 .00154 02380 03416 03959 .00000	CP4 01123 00826 00437 00736 01395 .00000	CP50413604004036390395304472 .00000	CP6 02521 02309 01880 02194 02780 .00000	BETA .00000 .00000 .00000 .00000

DATE	. 08	JUI	76

### CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8) K3.1TS7H15.6.1F10TS402G5.
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(PJF306) ( 01 JUN 76 )

R							

#### PARAMETRIC DATA

	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN. = .0400	, XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.107 RN/L = 1.090 STAB = -2.000 ELEVTR = -23.000 IORB = 8.000 ELEVON = -5.000 BDFLAP = .000
		RUN NO. 306/ 0 RN/L = .00	GRADIENT INTERVAL	= -5.00/ 5.00
	MACH GP .155 11.340 .155 12.034 .155 21.853 .154 37.500 .155 53.137 .155 74.245 GRADIENT	ALPHAW Q(PSF) CP1 8.10720 35.24689 .02417 8.08247 35.15388 .02311 8.06709 34.94031 .00062 8.22771 34.7874502484 8.20339 35.1502402961 8.10863 35.2860704020 .00000 .00000	CP2 CP3 .01283 .02135 .01291 .019690034700471035040338804137038970520105044 .00000 .00000	CP4
	REFERENCE D	DATA		PARAMETRIC DATA
SREF LREF BREF	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN.	. XMRP = 1339.9100 lN.XC YMRP = .0000 lN.YC ZMRP = 190.7500 lN.ZC		ALPHAW = 10.128 RN/L = 1.090 STAB = -2.000 ELEVTR = -23.000 IORB = 8.000 ELEVON = -5.000

BREF = 2348.0000 IN. SCALE = .0400	ZMRP =	= 190.750	iŭ IN.ZC				RB = FLAP =	8.000 ELEVO	N = -5.(
	RUN NO.	307/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
.157 11.327	10.12851	36.01732	.01116	.00520	.01010	02077	05238	03395	.00000
.157 12.338	10.09620	35.99280	.00144	00373	00061	01412	04604	02720	.00000
.156 21.104	10.07021	35.7967	01285	01893	01706	01859	05065	03161	.00000
.157 37.587	10.19164	36.09981	04053	04703	04789	01675	04868	02728	.00000
.155 52.921	10.16801	35.20305	04732	05345	05480	02302	05565	03461	.00000
.155 84.594	10.17307	35.17632		06745	05829	03688	06904	04823	.00000
GRADIENT	annan			nnnnn	nnnnn	nonnn	. 00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF308) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

= 5500.0000 SQ.FT. XMRP =	1339.9100	IN VC			
= 327.8000 IN. YMRP =	.0000		ALPHAW =	12.145 RN/L	
= 2348.0000 IN. ZMRP =			STAB =	-2.000 ELEV	
E = .0400	150.7500	4.14.26	IORB =	8.000 ELEV	ON = -5.000
-			BDFLAP =	.000	

	RUN NO. 308/ 0 RN/L = .00	GRADIENT	INTERVAL = -5.00/	5.00		
MACH GP .156 20.204 .156 23.286 .155 39.615 .155 55.084 .155 97.311 GRADIENT	12.11180 35.4020902097 12.09893 34.9211805239	CP2 02052 02348 051489 06926 08718 .00000	CP3 CP401976034540221903673057640311307242039040902806275 .00000 .00000	CP50647206777062630700609364 .00000	CP60463304928040390475507152	BETA .00000 .00000 .00000 .00000

(CA-8) K3.1TS7 F10TS40265.3.5

(PJF309) ( D) JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500,0000 SQ.FT. XMRP							
70 11 1	= 1339.9100	IN.XC		ALPHAW =	211	D1144	
LREF = 327.8000 IN. YMRP					,.CII	RN/L =	1.090
3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		IN.YC		IORB =	8.000	ELEVON =	-5.000
BREF = 2348.0000 IN. ZMRP	= 190.7500	IN 7C				LLLYON -	-0.000
SCALE - OLOO	150.7500	INVEC		BDFLAP =	.000		

				and the second of the second				
DUAL NO	7001							
RUN NU.	3097	11	HN/I	= · nn	GRADIENT	INTERVAL -	= 00.	F 00
					OLVADIEMI	THIERVANT =	-5.00/	<b>7</b>

MACH GP .155 11.278 .155 15.940 .155 25.541 .155 34.665 GRADIENT	ALPHAW Q(PSF) .21050 34.97256 .15717 35.12248 .11646 34.98936 .03524 34.98624 .00000 .00000	CP1 .02092 .00973 00198 01685 .00000	CP2 CP300211 .00554013420076602'467020470332503549 .00000 .00000	CP4 02767 02874 03132 02378 .00000	CP5 04883 05023 05333 04610 .00000	CP6 03796 03980 04300 03614 .00000	BETA .00000 .00000 .00000 .00000
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#### CA-8 - FORCE SOURCE DATA TABULATION

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		(CA-8) K3.1TS7	F10TS40265.3.5	(PJF310) ( 01 JUN 76 )
	REFERENCE DATA			PARAMETRIC DATA
LREF	= 5500.0000 SQ.FT. XMRP = 327.8000 IN. YMRP = 2348.0000 IN. ZMRP = .0400	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC		ALPHAW = 4.011 RN/L = 1.090 10RB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 3	610/0 RN/L = .00	GRADIENT INTERVAL =	-5,00/ 5.00
	MACH GP ALPHAW .155 11.330 4.01119 .155 14.457 3.97599 .155 22.914 4.03694 .155 39.216 4.25205 .155 54.118 4.16434 GRADIENT .00000	Q(PSF) CP1 35.17540 .02906 35.04921 .02651 34.99090 .00474 34.9321101172 34.9898702160 .00000 .00000	CP2 CP3 .00969 .02109 .00589 .01694014540045203021021930400903315 .00000 .00000	CP4         CP5         CP6         BETA          01532        03948        02519         .00000          01921        04376        02990         .00000          01077        03685        02253         .00000          00665        03281        01847         .00000          01008        03677        02197         .00000           .00000         .00000         .00000         .00000
		(CA-8) K3.1TS7	F10T5402G5.3.5	(PJF311) ( 01 JUN 76 )
	REFERENCE DATA			PARAMETRIC DATA
LREF	= 5500.0000 SQ.FT. XMRP = 327.8000 IN. YMRP = 2348.0000 IN. ZMRP = .0400	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC		ALPHAW = 6.211 RN/L = 1.090 10RB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 3	11/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
	MACH GP ALPHAW .154	Q(PSF) CP1 34.72032 .03361 35.01874 .02230 35.01519 .00818 35.1682601340 35.0688801952 34.8265102987 .00000 .00000	CP2 CP3 .01680 .02879 .00522 .0170600834 .00:22029450226203567029110461903986 .00000 .00000	CP4

DATE DE JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	rion	PAGE 554
	(CA-8) K3.1TS7	F10T540265.3.5	(PJF312) ( 01 JUN 76 )
REFERENCE DA	TALL PLANTS OF THE PARTY OF THE		PARAMETRIC DATA
SREF = 5500.0000 SO.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.089 RN/L = 1.090 IORB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 312/ 0 RN/L = .00	GRADIENT INTERVAL = -	5.00/ 5.00
MACH GP -155 11.340 -155 12.918 -155 22.722 -155 38.608 -155 54.117 -155 75.173	ALPHAW 0(PSF) CP1 8.08902 35.32485 .03167 8.06637 35.06001 .01928 8.16388 34.9457200057 8.17144 35.0489702613 8.20550 34.9411203176 8.11483 35.2355103970 .00000 .00000	.01754 .025500657 .016840140700549039130336904426039300529604906	P4 CP5 CP6 BETA 020510469303208 .00000 013510415202450 .00000 013510419902431 .00000 010080390801941 .00000 017390461002657 .00000 023460519203212 .00000 00000 .00000 .00000
	(CA-8) K3.1TS7	F10TS402G5.3.5	(PJF313) ( 01 JUN 75 )
REFERENCE DAT	TANDER OF THE STATE OF THE STAT		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.137 RN/L = 1.090 10RB = 8.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 313/ 0 RN/L = .00	GRADIENT INTERVAL = -5	5.00/ 5.00
.155 13.481 1 .155 22.102 1	ALPHAW Q(PSF) CP1 0.13682 35.15611 .01293 0.10718 35.17272 .01354 0.11565 35.0392600695 0.14693 35.0276903355	.00396 .014350 01685008600	P4 CP5 CP6 BETA 022600503203264 .00000 030540575004141 .00000 026730550003726 .00000

-.01685 -.04351 -.05267 -.06915

.00000

-.04294

-.05902

54.006

85.643

GRADIENT

. 155

.155

10.14693

10.27138

.00000

35.05485

35.26245

.00000

ORIGINAL PAGE IS POOR

-.03827

-.04828

-.06434

.00000

-.02573 -.02308 -.02671 -.03681 .00000

.00000

--03110

-.03455

-.04470

.00000

-.05126

-.05512

-.06540

PAGE 555 DATE DE JUL 76 CA-8 + FORCE SOURCE DATA TABULATION (PJF314) ( 01 JUN 75 ) F10TS402G5.3.5 (CA-8) K3.1T57 PARAMETRIC DATA REFERENCE DATA RN/L = 1.090ALPHAW = 12.208 SREF = 5500,0000 SQ.FT. XMRP = 1339.9100 IN.XC ELEVON = 8.000 -5.000 10RB = .0000 IN.YC YMRP = LREF = 327.8000 IN. BDFLAP = .000 ZMRP 190.7500 IN.ZC BREF = 2348.0000 IN. SCALE = .0400 RUN NO. 314/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 BETA CP5 CP6 CP3 CP4 Q(PSF) CPI CP2 MACH ALPHAW .00000 -.04611 -.06538 -.01927-.03793 -.02057 -.02675 35.01341 12.20790 20.247 . 155 .00000 -.04052 -.06058 -.02775 -.03264 35.07965 -.02764 -.03431 . 155 23.385 12.18272 -.04219 .00000 -.03710 -.05459 -.05595 -.05262 -.05955 34.87834 . 154 39.791 12.16246 -.04804 .00000 -.04306 -.07081 -.07124 -.06783 -.05454 12.16409 34.62370 54.909 . 154 .00000 -.08951 -.08669 -.05134 -.08979 -.08645 34.42496 -.08254 97.360 12.30340 .153 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 **GRADIENT** .00000 (PJF315) ( 01 JUN 76 ) (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 RN/L = . 1206 ALPHAW = SREF = 5500.0000 SG.FT. XMRP = 1339.9100 IN.XC ELEVIR = .000 STAB = -2.000 YMRP = .0000 IN.YC LREF = 327.8000 !N. ELEVON = -5.000IORB = 8.000 ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN. BOFLAP = .000 SCALE = .0400 RUN NO. 315/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 CP5 BETA CP4 CP6 CP3 CPS CP1 MACH ALPHAW Q(PSF) .00000 -.05517 -.04363 -.03176-.00581 .00378 .01908 .20636 35.02033 . 155 11.278 -.04732 .00000 -.05885 -.03506 -.00468 .01151 -.01297 15.018 . 16234 35.18533 .155 .00000 -.04638 -.05717 -.03313-.02393 -.01893 35.37483 -.00041 . 155 24.030 .08217 35.09556 -.04190 .00000 -.05210 - 03844 -.02784 -.02075 -.04186 -.00361 34.032 . 155 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF316) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = -2.000 ELEVIR = .1	090 000
BREE = 2348 0000 IN 7MRP = 100 7500 IN 7C	200
1000 - 1000 CELVOR - 5.4	000
SCALE = .000	

#### RUN NO. 316/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

M	/CH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
	155	11.331	4.13642	35.23063	.02940	.03896	.02340	11645	04463	02983	.00000
	. 155	13.985	4.10505	35.21999	.02425	.00348	.01677	31599	04664	03029	.00000
	155	23.199	4.05659	34.99779	.00576	01385	00196	01191	04439	02781	.00000
	155	39.277	4.07544	35.34521	01462	03396	02446	)0874	04119	02472	.00000
	155	54.300	4.22740	35.10464	02170	03979	03161	31214	04473	02794	.00000
	GR	ADIENT	.00000	.00000	.00000	.00000	.00000	. 10000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

#### (PJF317) [ 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

	0.0000 SQ.FT. XM	RP =	1339.9100	IN.XC			ALPHAW =	6.112	RN/L =	1.090
		RP =	.0000	IN.YC			STAB =	 -2.000	ELEVTR =	.000
BREF = 234		RP =	190.7500	IN.ZC		and the first	IORB =	8.000	ELEVON =	-5.000
SCALE =	.0400						BDFLAP =	.000		

### RUN NO. 317/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.155 11.341	6.11230 34.99580	.02780	.01306	.02557	0167	05086	03265	,00000
.155 13.289	6.08257 35.14257	.02543	.01201	.02176	01578	05093	03199	.00000
.155 22.212	6.05423 35.09494	.00867	00584	.00231	01897	05466	03540	.00000
.155 38.137	6.19751 35.06737	01930	03269	02694	00644	04219	02203	.00000
.155 53.844	6.17361 35.22142	02674	04064	03609	01349	04886	02979	.00000
.155 64.420	6.26622 35.11893	03329	04643	04223	0!554	05130	03202	.00000
GRADIENT	.00000 .00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF318) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SQ.FT.			PARAMETRIC	C DATA
LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	 IN.YC	ALPHAV STAB I ORB BDFL AF	= -2.000 = 8.000	RN/L = 1.090 ELEVTR = .000 ELEVON = -5.000

	RUN NO. 318/ 0 RN/L	= .00 GRADIEN	T INTERVAL = -5.00/	5.00	
MACH GP .155 11.339 .155 13.226 .155 22.824 .155 38.858 .155 54.503 .155 75.376 GRADIENT	8.14246 35.12912 8.23924 35.16510	CP1 CP2 .02180 .0:250 .01405 .0:0613 -0033301182 -028720365603646044790449605281 .00000 .00000	CP3 CP4 .0208901533 .01245015800084601077035400084904415018040525101917 .00000 ,00000	05270 - 04781 - 04580 - 05506 -	CP6 BETA03215 .0000003328 .0000002688 .0000002394 .0000003359 .0000003539 .00000

### (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

(PJF319) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

LREF = 327.8 BREF = 2348.0	000 SQ.FT. XM 000 IN. YM 000 IN. ZM 400		IN.YC		ALPHAW = STAB = IORB = BOFLAP =	-5.000 EI	N/L = :.330 _EVTR = .000 _EVON = -5.000
	RUN I	NO. 319/ 0 1	RN/L = .00	GRADIENT INTERVAL =		.000	

		SUPPLIENT THIERANT =	-5.00/ 5.00	
MACH GP ALPHAW .155 11.328 10.08511 .155 14.177 10.05014 .155 21.155 10.12696 .155 37.918 10.13938 .155 53.625 10.21365 .155 84.918 10.22325 GRADIENT .00000	35.19437 .01010 .0 35.13869 .002180 34.96051010410 35.26400041910 35.24485047320 35.10604065360	00037 .00161 1131601166 145170467405285	CP4	CP6 BETA04009 .0000004101 .0000004118 .0000003589 .0000004166 .0000005097 .00000

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## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

### (PJF320) ( 01 JUN 76 )

REFERENCE DATA	(CA-6) K3,115/H15,6.1F10TS402G5.3.5		(PJF320) ( 01 JUN 76	)
SREF = 5500.0000 SQ.FT YMPP -	1339.9100 IN.XC		PARAMETRIC DATA	
BREF = 2348.0000 IN. ZMRP = 5CALE = .0400	.0000 IN.YC 190.7500 IN.ZC	ALPHAW = STAB = IORB = BDFLAP =	12.133 RN/L = 1.09 -2.000 ELEVTR = .00 8.000 ELEVON = -5.000	Ō

MACH GP ALBUALL	DLD, 0 KM/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00			
.155 20.262 12.13278 .155 24.107 12.11033 .155 40.144 12.10922 .155 54.929 12.17734 .155 97.355 12.33051 .155 GRADIENT .00000	Q(PSF) CP1 35.0826502995 35.1577203242 35.1960706143 35.0997306926 35.1431909051 .00000 .00000	06125 06939	CP3 03040 03357 06559 07412 09654 .00000	CP4 03309 03713 03347 04422 05714 .00000	CP5 05787 07149 05819 07956 09206	CP6048310518904552056810685400000	BETA .00000 .00000 .00000 .00000	

## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

### (PJF321) ( 01 JUN 76 )

#### REFERENCE DATA

SREF :	= 5500.0000	SQ.FT.	XMRP =	1339.910	O IN VC			PARAMETRIC	DATA	
LREF = BREF = SCALE =	327.8000 348.0000 3400		YMRP = ZMRP =	.000	0 IN.YC		ALPHAW = STAB =	.178 .000	RN/L = ELEVTR =	1.090
	.0400						IORB = BDFLAP =	8.000	ELEVON =	

		RUN NO.	7314 5				BL	FLAP =	.000	
MACH			321/0 RN	I/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
.155 .155 .155 .155	GP 11.278 14.667 25.047 33.886 GRADIENT	ALPHAW .17786 .13008 .07847 .05131 .00000	0(PSF) 35.38109 35.16502 35.05208 35.06728 .00000	01637	CP2 .00589 00198 02558 03109 .00000	CP3 00523 01320 03689 04342 .00000	CP4 02387 02553 02125 01852 .00000	-05632 05632 05700 05422 05096 .00000	CP6 04693 04810 04583 04261 .00000	BETA .00000 .00000 .00000 .00000

DATE 0	6 JUL	76	CA-8 -	FORCE SOURCE	E DATA TABUL	AT I ON					
				(CA-8)	K3.1TS7H15.	S. IFINTSUNA	C5 7 5				PAGE 559
		REFERENCE I	DATA			J. 1. 101310E	03.3.3			(PJF322)	( 01 JUN 75 )
	= 5500	0.0000 SQ.FT	XMRP	- 1770 0100					P/	ARAMETRIC DATA	
	= 32° = 2348	7.8000 IN. 3.0000 IN. .0400	YMRP ZMRP	1000.0100	IN.YC			S I	LPHAW = TAB = ORB = DFLAP =	4.024 RN/L .000 ELEV 8.000 ELEV	TR = .000
			RUN NO.	322/ 0 R	N/L = .00	GRADIE	NT INTERVAL	= -5.00/	5.00		
	MACH .155 .155 .155 .155 .155	GP 11.330 13.366 22.667 38.646 53.794 GRADIENT	ALPHAW 4.02415 4.18109 4.28534 4.23570 4.25248 .00000	Q(PSF) 35.08954 35.03251 35.16711 35.14235 35.04389 .00000	CP1 .02428 .01857 00192 02174 02907 .00000	CP2 .01688 .01188 00884 02763 03523 .00000	CP3 .01323 .00756 01404 03510 04279 .00000	CP4 01192 00827 00509 00054 00484 .00000	CP5 04484 04175 03923 03583 04010	02918 02587	BETA .00000 .00000 .00000 .00000 .00000
			sagan (Visto) Sagan Sagan	(CA-8) P	K3.1TS7H15.6	.1F10T5402G	5 <b>7</b> 5				
		REFERENCE D	ATA								01 JUN 76 )
SREF = LREF = BREF = SCALE =	327 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			ST 10	PAF PHAW = AB = RB = FLAP =	RAMETRIC DATA 6.135 RN/L .000 ELEVT 8.000 ELEVT	R = .000
			RUN NO. ;	323/ 0 RN	I/L = .00	GRADIEN	T INTERVAL	= -5.00/	5.00		
	YACH - 155 - 155 - 155 - 155 - 155 - 155	GP 11.341 13.628 22.471 38.318 54.166 64.516 GRADIENT	ALPHAW 6.13519 6.10571 6.24950 6.22119 6.25010 6.17700 .00000	Q(PSF) 35.29264 35.12939 34.99736 35.17953 35.13388 35.19510 .00000	CP1 .02077 .02026 00611 02790 02849 03356 .00000	CP2 .01644 .0.615 0.017 03219 03267 03599	CP3 .01418 .01356 01441 03842 03866 04398 .00000	CP4 00988 00941 00415 .00036 01236 00759 .00000	CP5 04316 04428 03942 03489 04774 04237 .00000	CP6 02894 03010 02427 01842 03116 02641 .00000	BETA .00000 .00000 .00000 .00000 .00000

SCALE =

SCALE =

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF324) ( 01 JUN 76 )

				IC.				

.0400

#### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC

ALPHAW = 8.152 RN/L = 1.090 STAB = .000 ELEVTR = .000 IORB = 8.000 ELEVON = -5.000 BDFLAP = .000

PARAMETRIC DATA

RUN NO.	324/ 0	RN/L =	.00	GRADIENT INTERVAL	#	-5.00/	5.00

MACH GP .155 11.340 .155 12.780 .155 22.542 .155 38.301 .155 53.708 .155 74.871 GRADIENT	ALPHAW 8.15200 8.12563 8.08907 8.20391 8.23388 8.18993	Q(PSF) 35.19166 35.04359 34.99744 35.15937 35.20230 35.11048 .00000	CP1 .01735 .01213 -,00848 03253 04474 05031 .00000	CP2 .01562 .01118 00971 03380 04637 05240 .00000	CP3 .01462 .00823 01363 04028 05303 05859 .00000	CP4 00942 01397 01146 00895 01236 01873	CP5042890478904687044240477005393 .00000	CP6 02741 03203 02939 02498 02852 03483 .00000	BETA .00000 .00000 .00000 .00000 .00000
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(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF325) ( 01 JUN 76 )

#### REFERENCE DATA

.0400

SREF	=	5500.0000	SQ.FT.	XMPP	=	1339.9100	IN.XC
LREF	= ,	327.8000	IN.	YMRP	=	.0000	IN.YC
BREF	=	2348.0000	IN.	ZMRP	=	190.7500	IN.ZC

ALPHAW = 10.053 RN/L = 1.090 STAB = .000 ELEVTR = .000 IORB = 8.000 ELEVON = -5.000 BDFLAP = .000

PARAMETRIC DATA

RUN NO. 325/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW 0.25F)	CP1	CP2 CP3	CP4	CP5	CP6	BETA
.155 11.328 10.05250 35.14719	.00522	.00627 .00538	01874	05180	03640	.00000
.155 12.746 10.11646 35.08619	.00241	.00379 .00259	02034	05361	03692	.00000
.155 21.606 10.09369 35.00163		0161501946	02195	05588	03764	.00000
.155 37.774 10.23441 35.24942	04630	0456405146	01711	05176	03127	.00000
155 53,100 10,22758 35,19614	05149	0514005736	02552	05928	03954	.00000
.155 84.833 10.19662 35,23160	06626	0659907264	03548	06974	04877	.00000
GRADIENT .00000 .00000	.00000	.00000 .00000	.00000	.00000	.00000	.00000

DATE 06 JUL 76 CA-B - FORCE SOURCE DATA TABULATION PAGE 561 (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5 (PJF326) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC ALPHAW = LREF = 327.8000 IN. 12.123 RN/L = YMRP = .0000 IN.YC BREF = 2348.0000 IN. STAB = .000 ELEVTR = ZMRP = .000 190.7500 IN.ZC 10RB = SCALE = 8.000 ELEVON = -5,000 .0400 BDFLAP = .000 RUN NO. 326/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q(PSF) CPI CIS . CP3 CP4 CP5 CP6 .155 20.277 BETA 12.12346 34.99558 -.02538 -. 02216 -.02518 -.03292 -.06617 -.04855 .:54 22.492 38.565 .00000 12.09555 34.72360 -.03098 -.02774 -.03161 -.03355 -.06705 -.04880 .00000 . 155 12.08969 35.17457 -.05742 -. 35464 -.06049 -.03280 -.06674 -.04426 .155 .00000 55.053 12.19217 35.22884 -.07131 -.06921 -.07567 -.04319 -.07702 -.05457 .00000 .155 97.378 12,21157 35.13387 -.08940 -.08699 -.09431 -.05806 -.09129 -.06979 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5 (PJF327) ( D1 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. ALPHAW = . 195 RN/L = 1.090 YMRP = .0000 IN.YC STAB = BREF = 2348.0000 IN. 2.000 ELEVTR = .000 ZMRP = 190.7500 IN.ZC IORB = SCALE = 8.000 ELEVON = .0400 -5.000 BDFLAP = .000 RUN NO. 327/ 0 RN/L = .00GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6 BETA

.00002

-.30151

-.03200

-.01754

.00000

-.01218

-.01372

-.03176

-.04558

.00000

-.01621

-.02281

-.02650

-.01851

.00000

-.04930

-.05485

-.05834

-.05156

.00000

-.03920

-.04591

-.04968

-.04324

.00000

.00000

.00000

.00000

.00000

.00000

. 155

.:55

. 155

.155

11.278

14.550

24.995

34.013

GRADIENT

.19512

.14733

.09003

. 16034

.00000

35.28689

35.15519

35.03149

35.09980

.00000

.00576

.00590

-.01113

-.02565

.155

.155

35.06704

35.08124

35.16998

.00000

### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

-.00012

-.02239

-.03167

.00000

(PJF328) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF LREF BREF SCALE	= 5500.0000 SQ.FT = 327.8000 IN. = 2348.0000 IN. = .0400	XMRP YMRP ZMRP	= 1339.9100 IN = .0000 IN = 190.7500 IN	.YC			ST 10	PHAW = AB = ORB = OFLAP =	3.963 RN/L 2.000 ELEVTR 8.000 ELEVON .000		0
		RUN NO.	328/ 0 RN/L	= ,00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH GP .155 11.330 .155 13.743 .155 22.427	ALPHAW 3.96339 4.12045 4.08957	35.16800 35.04800	CP1 .01860 .01308 00012	CP2 .01451 .00911	CP3 .00886 .00857	CP4 00873 00553	CP5 04095 03818	CP6 02855 02518	BETA .00000 .00000	

-.0399

-.02625

-.03563

.00000

-.01119

-.03425

-.04446

.00000

-.00576

-.00143

-.00623

.00000

-.03886

-.03521

-.04007

.00000

# (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF329) ( 01 JUN 76 )

.00000

.00000

.00000

.00000

#### REFERENCE DATA

38.597

53.560

GRADIENT

4.20561

4.11782

.00000

#### PARAMETRIC DATA

-.02651

-.02196

-.02648

SREF = LREF = BREF = SCALE =	5500.0000 SQ.F 327.8000 IN. 2348.0000 IN.	YMRP =	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC			ALPHAW = STAB = IORB = BDFLAP =	2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	329/ 0 RN/L =	.00 GRADI	ENT INTERVAL =	-5.00/ 5.00			

					5.00	J.00		
MACH GP .155 11.341 .155 13.515 .155 22.604 .155 38.382 .155 5.285 .155 Cv.677 GRADIENT	6.13334 35 6.09247 35 6.18878 35 6.14914 35 6.12481 35	Q(PSF) CP1 .11193 .02320 .03648 .00931 .0834300401 .145230629 .1765903167 .3299903417 .00000 .00000	CP2 .02098 .00751 00583 02693 03334 03647 .00000	CP3 .01800 .00273 -01112 03493 04136 04333 .00000	CP4 00919 00439 00713 .00196 00850 00896	CP5041740374804087033260431604357	CP6 02838 02267 02605 01721 02687 02780 .00000	BETA .00000 .00000 .00000 .00000 .00000

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CA-8 - FORCE SOURCE DATA TABULATION

(CA-B) K3.1TS7H15.6.1F10TS402G5.3.5

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(PJF330) ( 01 JUN 76 )

		REFERENCE D	ATA			PARAMETRIC DATA							
LREF	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP * YMRP * ZMRP *	.0000	IN.YC			ALPH STAB IORB BOFL	=	8.150 RN/L 2.000 ELEVTR 8.000 ELEVON	.000		
			RUN NO.	330/ 0 RN	/L = .00	GRADIENT	INTERVAL	<b>5.00/</b> 5	.00				
	MACH .155 .155 .155 .155 .155 .155	GP 11.340 13.151 22.612 38.681 54.056 74.971 GRADIENT	ALPHAW 8.15023 8.11835 8.16050 8.15136 8.11055 9.14313 .00000	Q(PSF) 35.02695 35.24908 35.10991 35.27843 35.14275 35.16946 .00000	CP1 .01625 .01317 01004 02749 04228 05062 .00000	CP2 .C1647 .C1328 00974 02668 04320 05120 .00000	CP3 .01423 .01092 01509 03292 04950 05847 .00000	CP4 01147 01531 00599 01059 01281 01894 00000	CP5044410476404017045050474205351 -00000	CP6 02992 03344 02300 02700 02880 03476 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000		
				(CA-8) K	3.1TS7H15.6.	IF10TS40265	.3.5			(PJF331) (	01 JUN 76 )		
		REFERENCE D	ATA					PARAMETRIC DATA					
LREF	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	,0000	IN.YC			ALPH STAB IORB BOFL	=	10.074 RN/L 2.000 ELEVTR 8.000 ELEVON .000	.000		
			RUN NO.	331/ 0 RN	/L = .00	GRADIENT	INTERVAL	= -5.00/ 5	.00				
	MACH . 155 . 155 . 155 . 155 . 155 . 155	GP 11.328 14.577 21.674 38.341 53.513 85.165 GRADIENT	ALPHAW 10.07373 10.13516 10.12639 10.23734 10.23477 10.25600 .00000	0(PSF) 35.28067 35.08975 35.07071 35.13599 34.97327 35.32650 .00000	CP1 .00508 00531 01552 04352 05322 06966 .00000	CP2 .00731 00378 01363 04182 05183 06815 .00000	CP3 .00531 00656 01740 04802 05844 07554 .00000	CP4 01803 02057 01988 01599 02584 03360 .00000	CP5 05057 05290 05250 04942 05875 06749 .00000	CP6 03519 03714 03554 02965 03926 04673 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000		

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF332) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF	=	5500.0000		RP =	1339.9100	IN.XC			ALPHAW =	12.218	RN/L =	1.090
Late	= :	327.8000		RP =		IN.YC			STAB =	2.000	ELEVTR =	.000
BREF	=	52.0.0000	IN. ZM	RP =	190,7500	IN.ZC			IORB =	8.000	ELEVON =	-5.000
SCALE	-	.0400							BDFLAP =	-000		

### RUN NO. 332/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

法法律证据 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基								
MACH GP ALPHAW	Q(PSF)	CPI	CP2	CP3	СРЧ	CP5	CP6	BETA
.155 20.292 12.21832	35.13880	02754	02260	02645	33192	06433	04627	.00000
155 23.622 12.19738	35.08426		03133	03557	33150	06468	04539	.00000
155 39.733 12.18902	34.97047		05899	06555	33430	06678	04528	.00000
.155 55.061 12.20133	35.30307		06819	07521	34132	07369	05222	.00000
.155 97.395 12.25684 GRADIENT .00000	35.04514	09189	08855	09641	35727	08974	06790	.00000
GRADIENT .00000	.00000	.00000	.00000	.00000	. 30000	.00000	. 00000	.00000

### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

#### (PJF333) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 5500.0000 SO FT								
			N.XC		ALPHAW =	.240	RN/L =	1.090
LREF = 327.8000 IN.	YMRP =	.0000 11	N.YC		STAB =	-2.000	ELEVTR =	.000
BREF = 2348.0000 IN.	ZMRP =	190.7500 IN	N 7C		10RB =	5.000	ELEVON =	
SCALE = .0400		13017300 11					ELEVOIN =	-5.000
20712					BDFLAP =	.000		

### RUN NO. 333/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP .155 11.279 .155 15.103 .155 25.214 .155 34.125 GRADIENT	ALPHAN .24053 .20221 .14663 .07293 .00000	Q(PSF) 35.27206 35.26027 35.18650 35.15559 .00000	CP1 .02062 .01255 01170 01813 .00000	CP2 00271 01070 03311 03908 .00000	CP3 .00590 00243 02713 03541 .00000	CP4 03070 03501 02371 02281 .00000	CP5 05316 05741 04834 04743 .00000	CP6 04201 04654 03754 03729 .00000	BETA .00000 .00000 .00000 .00000
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PAGE 565 DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION (PJF334) ( 01 JUN 76 ) (CA-B) K3.1TS7H15.6.1F10TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 ALPHAW = 4.003 RN/L SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 1N.XC ELEVTR = -2.000 .000 STAB = LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC ELEVON = -5.000IORB = 6.000 BDFLAP = .000 SCALE = ,0400 .00 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 334/ 0 RN/L = CP5 CP6 -.04129 -.02606 CP4 BETA MACH GP CP2 CP3 ALPHAW Q(PSF) CP1 .00000 -.01530 11.330 .02909 .0!047 .02277 4.00309 35,33287 . 155 -.04174 -.02590 .00000 -,01465 .01506 . 155 14.557 3.97173 35.06647 .02182 .00450 -.03717 -.02149 .00000 -.00894 .00503 -.01177 -.00231. 154 22.359 4.09891 34.95524 -.01545 .00000 -.03219 -.00344 38.543 4.18263 34.89773 -.01740 -.03345 -.02676 . 154 .00000 ~.00941 -.03761 -.02127 53.583 35.10336 -.02210 -.03750 -.03200 .155 4.18731 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 (PJF335) ( 01 JUN 76 ) (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA RN/L = 1.090ALPHAW = 6.127 SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC -2.000 ELEVTR = .000 STAB = = 327.8000 IN. YMRP = .0000 IN.YC LREF 6.000 ELEVON = -5.000ZMRP = 190.7500 IN.ZC IORB = BREF = 2348.0000 IN. BDFLAP = .000 .0400 SCALE = RUN NO. 335/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 CP5 CP4 CP6 BETA Q(PSF) CP1 CP2 CP3 MACH ALPHAW -.03596 -.02022 .00000 .01282 .02306 -.00964 . 155 11.341 6.12732 35.00230 .02604 .00000 -.02530 35.10238 .02591 .01319 15550. -.01374 -.04220 .155 13.339 6.10156 -.01987 .00000 .00653 -.00607 .00198 -.00827 -.03677 ,155 22,471 6.06738 35.10455 -.00566 -.03607 -.01788.00000 -.02559 -.01976 38.279 5.08237 34.98089 -.01352 . 155 -.01812 .00000 -.00715 -.03573 -.02641 -.03922 -.03416 35.29829 .155 53.295 6.19126

-.04245

.00000

-.03021

.00000

35.23798

.00000

6.11846

.00000

. 155

64.451

GRADIENT

-.03756

.00000

-.01032

.00000

-.02190

.00000

-.03913

.00000

.00000

. 154

.155

. 155

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### (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

(PJF336) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF LREF BREF SCALE	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN. = .0400	MADE	= 1339.9100 IN.XC = .0000 IN.XC = 190.7500 IN.XC			STAB = -a	8.113 RN/L 2.000 ELEVTR 5.000 ELEVON .000	
		RUN NO.	336/ 0 RN/L =	.00 GRADIENT	INTERVAL = -5.0	D/ 5.00		
	MACH GP .155 11.340 .155 12.616 .154 22.215 .154 37.931 .155 53.548 .155 74.661 GRADIENT	ALPHAW 8.11352 8.08899 8.18005 8.15214 8.20453 8.24969 .00000	35.15623 .0 34.93882 .0 34.781340 35.010560 35.177580	P1 CP2 02182 .01237 01979 .01039 0010200808 0230803257 0345804375 0434705348 00000 .00000	CP3	0104374 0604169 2204000 1004468 1205119	CP6 02407 02560 02392 02032 02466 03157 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

#### (CA-8) K3.1T57H15.6.1F10"S402G5.3.5

-.01439

-.03412

-.04935

-.06310

.00000

(PJF337) f 01 JUN 76 1

.00000

.00000

.00000

.00000

.00000

#### REFERENCE DATA

38.079

53.295

85.091

GRADIENT

10.19305

10.19117

10.14526

.00000

34.59730

34.99207

35.04719

.00000

#### PARAMETRIC DATA

-.02713

-.02534

-.03029

-.04399

.00000

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400	ALPHAW = STAB = IORB = BDFLAP =	10.121 RN/L = -2.000 ELEVTR = 6.000 ELEVON =	1.090 .000 -5.000
RUN NO. 337/ 0 RN/L = .00 GRADIENT INTERVAL =	-5.00/ 5.00		
154 21,452 10,20075 27,7570 00702 00759 .00899	CP4 CP5 ~.0205904753 0267905371	03071 .0 03728 .0	TA 00000 00000

-.02007

-.0+031

-.05573

-.07015

.00000

-.01529

-.03753

-.05345

-.06733

.00000

-.01858

-.01792

-,02377

-.03575

.00000

-.04611

-.04592

-.05182

-.06475

DATE 06 JUL 76

CA-9 - FORCE SOURCE DATA TABULATION

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,	01:01	1/7 -	PERMIT	C 15	Inter.	0000	
١	CATOI	N.D.	ITS7H15.	0.11	10154	UCUD.	. 5 . 5

(PJF338) ( 01 JUN 76 )

R	Ε	F	E	R	F	٨	C	F	n	Α"	TA

#### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC	ALPHAW =	12.123	RN/L = 1.090
LREF = 327.8000 IN. YMRP = .0000 IN.YC	STAB =	-2.000	ELEVTR = .000
BREF = 2348.0000 IN. ZAMRP = 190.7500 IN.ZC	10RB =	6.000	ELEVON = -5.000
SCALE = 1 0 mil 3.0400 to the table in the configuration of the first of the configuration o	BDFLAP =	.000	

#### RUN NO. 338/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.156	20.258	12.12296	35.44764	-,02346	02712	02153	03670	05252	04433	.00000
. 155	23.614	12.15787	35.31961	02914	03307	02872	-,03227	05877	03877	.00000
.155	39.637	12.15034	35.16331	05215	05579	05338	03031	05802	03510	.00000
155	55.008	12.23875	35.10592	06587	07007	06729	04399	07106	04912	.00000
. 155	97.366	12.26152	35.07855	08261	087!0	08532	05813	08452	06262	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

#### (PJF339: ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

	areas Ca															
Si	REF	=	5500.0000	SQ.FT.	XMRP	= 1339	9.9100 I	N.XC					ALPHAW =	.132	RN/L =	1.090
LF	REF	=	327.8000	IN.	YMRP	=	.0000 I	N.YC					STAB =	.000	ELEVTR =	.000
Br	REF	=	2348.0000	iN.	ZMRP	= 190	.7500 [	N.ZC					IORB =	6.000	ELEVON =	-5.000
S	CALE	=	.0400										BDFLAP =	.000		
					PLIN NO	330/ 0	DN/	1 -	nn .	COADICKT	TAITEDVAL	5	007 5 00			

MACH	GP	ALPHAW Q	(PSF) CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155		.13212 35.	30294 .02071	.00686	.00409	02661	05253	04264	.00000
. 15		.08803 35.	21789 .00965	00474	00804	02778	05327	04364	.00000
. 15		.10472 35.	0460101304	02627	03091	02285	04887	04017	.00000
. 15		.17438 35.	0032102249	03479	03985	01807	04509	03624	.00000
	GRADIENT	.00000 .	00000. 00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

# (PJF340)

		REFERENCE D	ATA						PAR	AMETRIC DATA	
LREF	= 327. = 2348.		XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			STAE 1 ORE	} =	4.180 RN/L .000 ELEVTR 6.000 ELEVON .000	
			RUN NO.	340/ D RN	/L = .00	GRADIENT	INTERVAL =	-5.00/ 5	5.00		
	MACH .155 .155 .155 .155 .154	GP 11.332 14.259 23.404 39.720 54.632 GRADIENT	ALPHAW 4.18011 4.14702 4.11650 4.17102 4.20295 .00000	Q(PSF) 35.40238 35.24398 35.06531 34.99416 34.90297 .00000	CP1 .02869 .01704 .00145 01820 02630 .00000	CP2 .01747 .00690 00812 02835 03507 .00000	CP3 .02127 .00893 00692 02903 03628 .00000	CP4 01326 00942 01077 00118 +.00551	CP5 03951 03606 03793 02908 03321	CP5 02750 02296 02455 01545 01956 .00000	BETA .00000 .00000 .00000 .00000 .00000
			역시 값	(CA-8) K	3.1TS7H15.6.	IF10TS40265	.3.5			(PJF341) (	01 JUN 76 )
		REFERENCE D	ATA						PAR	RAMETRIC DATA	
LREF	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			STAR	3 =	6.149 RN/L .000 ELEVTR 6.000 ELEVON	
			RUN NO.	341/ 0 RN	/L = .00	GRADIENT	INTERVAL =	= -5.00/ 5	5.00		
	MACH - 155 - 155 - 154 - 154 - 155 - 155	GP 11.341 13.851 22.607 38.494 54.355 64.807 GRADIENT	ALPHAW 6.14864 6.11528 6.08538 6.18065 6.14748 6.23834 .00000	Q(PSF) 35.29222 35.12676 34.93244 34.79290 35.25886 35.12516 .00000	CP1 .02823 .02144 .00158 01626 02599 02952 .00000	CP2 .01917 .01340 00693 02423 03445 03794 .00000	CP3 .02383 .01783 00416 02336 03378 03657 .00900	CP4 01305 00896 00597 00021 01054 01668 .00000	CP5 03915 03531 03383 02797 03781 04457 .00000	CP6 02503 02069 01942 01155 02200 02865 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

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#### (CA-B) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF342) ( 01 JUN 76 )

PARAMETRIC DATA

R	F	г	۳	₽	F	٨	CE	n.	۸т	Α.

SREF =	5500.0000	SQ.FT. XMRF	· = 1339.91	חח וא צר		ALPHAW =	8.123	RN/L =	1.090
	327.8000	IN. YMRF		00 IN.YC		STAB =	.000	ELEVTR =	.000
	2348.0000		9 = 190.75	00 IN.ZC		IORB =			-5.000
SCALE =	.0400					BDFLAP =	.000		

RUN NO.	プレフィ ロ	DMAL	0.0	OD LD LEUT THEEDIGH			~ ~ ~
TON NO.	342/ U	RN/L =	.00	GRADIENT INTERVAL	=	~5.007	5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	2P4	CP5	CP6	BETA
- 155	11.340	8.12329	35.11957	.02285	.01638	.02271	01556	04097	02675	.00000
. 155	12.975	8.09506	35.04175	.01884	.01256	.01834	01534	04:37	02575	.00000
- 154	22.445	8.06412	34.94148	00334	00900	00588	01260	03951	02313	.00000
. 155	38.231	8.18405	35.04144	02100	02718	02515	01419	04219	02413	.00000
.155	53.776	8.16350	35.08645	03327	03980	03796	01623	-,04411	02611	.00000
. 155	74 . 874	8.16167	35.03819	04454	05132	04947	01988	04738	02868	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F10T5402G5.3.5

(PJF343) ( 01 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA

SREF =	5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC			ALPHAW =	10.116	RN/L =	1.090
LREF =	327.8000		YMRP =	.0000	INLYC			STAB =	.000	ELEVIR =	.000
BREF =	23,0.0000	IN.	ZMRP =	190.7500	IN.ZC			IORB =	6.000	ELEVON =	-5.000
SCALE =	.0400							BDFLAP =	.000		

#### RUN NO. 343/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP!	CP2	CP3	CP4	CP5	CP6	BETA
.155	11.327	10.11578	35,17556	.01241	.00762	.01479	02555	05055	03587	.00000
. 155	12.950	10.08391	35.12741	.00534	.00238	.00742	01806	04414	02730	.00000
. 155	21.648	10.21666	35.01036	01102	01454	01068	02172	04756	03033	.00000
. 154	38.174	10.20953	34.80795	04011	04366	04174	01811	04482	02499	.00000
. 155	53.425	10.20019	35.32300	04498	04946	04741	02682	05333	03387	.00000
. 155	85.120	10.19593	35.14283	05259	06726	06561	03531	06218	04196	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF344) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5	500.0000 SQ.F	T. XMRP	= 1339.9100	IN XC		ALPHAW = 12.139	RN/L = 1.090
IRFF =	327.8000 IN.	YMRP					
ppee e	DE 7.0000 114.	TURE		IN.YC		STAB = .000	ELEVTR = .000
BKF: = 5	348.0000 IN.	ZMRP	= 190.7500	IN.ZC		IORB = 6,000	
SCALE =	.0400		그 네가 기가 가지를 하다 되지?				LLLV014 J.000
	.0,00					BDFLAP = .000	

		RUN NO. :	344/ 0	RN/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH . 155 . 155 . 155 . 154 . 154	GP 20.268 23.603 39.983 55.032 97.313 GRADIENT	ALPHAW 12.13869 12.10983 12.17103 12.17776 12.21185 .00000	Q(PSF) 35.18148 35.10103 35.02808 34.78615 34.58338 .00000	03207 05777 06504	CP2 02352 03362 05938 06753 08597	CP30181103016058590666508361	CP4 03235 03058 03380 03947 05811	CP5 05827 05615 05928 06540 08461	CP6 03977 03668 03789 04463 06318	BETA .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF345) ( 01 JUN 76 )

#### REFERENCE DATA

### PARAMETRIC DATA

PARAMETRIC DATA

SREF	=	5500.0000	SQ.FT.	XMRP	= 1339,9100	IN.XC		ALPHAW =	142	RN/L =	1.090
LREF	=	327.8000	IN.	YMRP	= .0000	IN.YC		STAB =	2.000	ELEVTR =	.000
		2348.0000	IN.	ZMRP	= 190.7500	IN.ZC		IORB =			-5.000
SCALE	=	.0400						BDFLAP =	.000		

	RUN NO. 345/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.277 .155 14.600 .155 24.925 .154 33.872 GRADIENT	.04027 35.0296100915	0029100572 - 0084101145 - 0212202593 - 0350503916 -	CP4 CP5 .0214304709 .0259605094 .0283305369 .0187704518 .00000 .00000	CP6 BETA03661 .0000004161 .0000004536 .0000003669 .00000 .00000 .00000



DATE 06 J	UL 76	CA-8 -	FORCE SOURCE	DATA TABULA	TION				
				K3.1TS7H15.6					PAGE 571
	REFERENCE	DATA			.11.10124026	5.3.5		(PJF346) (	01 JUN 76 )
SREF =	5500.0000 SQ.FT	XMRP	= 1339 Qinn					ARAMETRIC DATA	
LKEP =	327.8000 IN. 2348.0000 IN. .0400	YMRP ZMRP	= .0000 = 190.7500	IN.YC IN.ZC			ALPHAW = STAB = IORB = BDFLAP =	4.102 RN/L 2.000 ELEVT 6.000 ELEVO	
MAC		RUN NO.	3467 0 RI	V/L = .00	GRADIEN	T INTERVAL	<b>-5.00/</b> 5.00		
. 1 . 1 . 1	55 11.331 54 14.096 55 23.197 54 39.486	ALPHAW 4.10222 4.07092 4.04424 4.18472 4.10692 .00000	0(PSF) 35.01075 34.91595 35.03660 34.58845 35.09579 .00000	CP1 .01852 .01999 .00451 01709 02824 .00000	CP2 .01006 .01176 00490 02519 03682 .00000	CP3 .01217 .01316 00355 02550 03689 .00000	CP4 CP50050703100112303750075803450061503345007810353	002479 02154 101955 702150	BETA .00000 .00000 .00000 .00000 .00000
			(CA-8) K	3.1TS7H15.6.	1F10TS402G5	.3.5			
	REFERENCE D	ATA	de Marije, et e. Geografia fransk se						01 JUN 76 )
SREF = 55	00.0000 SQ.FT.		1339.9100	IN XC			PA	RAMETRIC DATA	
	327.8000 IN. 348.0000 IN. .0400	YMRP = ZMRP = RUN NO. 3	.0000 190.7500	IN.YC IN.ZC			ALPHAW = STAB = IORB = BOFLAP =	6.145 RN/L 2.000 ELEVTR 6.000 ELEVON .000	
MACH			347/ 0 RN/	'L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00		
. 15 . 15 . 15 . 15 . 15	5 11.341 5 13.882 5 22.657 4 38.803 5 54.562	ALPHAW 6.14489 6.11351 6.24802 6.21636 6.17381 6.24938	Q(PSF) 35.33899 35.12855 34.97982 34.85456 35.39514 35.55249	01958		CP3 .02013 .01434 00903 02542 03562 04251	CP4 CP500897034990130503871006430320301032037560107703845	CP6 02132 02500 01883 01604 02162 02250	BETA .00000 .00000 .00000 .00000 .00000

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#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF348) ( 01 JUN 76 )

#### REFERENCE DATA

SREF = 5500,0000 SQ.FT. XMRP = 1339.9100 IN.XC

#### PARAMETRIC DATA

ALPHAW = 8.104 RN/L = 1.090

LREF BREF SCALE	= 2348	.8000 IN. .0000 IN. .0400	71.00		00 IN.YC 00 IN.ZC			STA IOR BDF		.000 ELEVT .000 ELEVO .000	
			RUN NO.	348/ D	RN/L = .	00 GRADIENT	INTERVAL	= -5.00/	5.00		
	MACH	GP	ALPHAW	QUPSF	CP1	CP2	CP3	CP4	CP5	CP6	BETA
	. 155	11.340	8.10431	35.37829	.01832	.01316	.01914	01666	04252	02813	.00000
	. 155	12.803	8.07025	35.0950	.01684	.01182	.01717	01556	04097	02610	.00000
	.154	22.643	8.05670	34.96759	00662	01154	00870	00917	03662	01929	.00000
	. 154	38.479	8.18707	34.7979	702898	03349	03236	01214	03952	02144	.00000
	. 155	53.912	8.16517	35.17866	03363	03974	03749	01667	04377	02569	.00000
	. 155	74.993	8.11336	35.2675	04718	05317	05153	01960	04644	02746	.00000
		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-B) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF349) ( 01 JUN 76 )

#### PARAMETRIC DATA

SREF = 5500.0000	SQ.FT. XMRP =	1339.9100	IN.XC	[일 : 유명 11 명 : 1 기교 - 조사 1	1.5	ALPHAW =	10.197	RN/L =	1.090
LREF = 327.8000	IN. YMRP =	.0000	IN.YC			STAB =	2.000	ELEVTR =	.000
BREF = 2348.0000	IN. ZMRP =	190.7500	IN.ZC			IORB =	6.000	ELEVON =	-5.000
SCALE = .0400	이외 생생들이 손들림, 기사회			[발 기계: 시간기 비생활보다] (B. 198		BDFLAP =	.000		

#### RUN NO. 349/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.327	10.19656	35.21466	.00920	. 30644	.01319	02349	04783	03314	.00000
.155	13.837	10.16151	35.23709	.00313	.00026	.00645	02008	04510	02938	.00000
. 155	22.156	10.14136	35.10385	01539	01869	01415	01942	04443	-,02794	.00000
.155	38.727	10.13204	35.03113	03829	04212	03982	01760	04350	02442	.00000
, 154	54.015	10.19469	34.95652	05251	05599	05463	02630	05207	03224	.00000
. 154	85, <i>77</i> 7	10.16716	34.74450	06295	- 06665	06503	03766	06323	04373	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 0	16 JUL 7	6	CA-8 -	FORCE SOURC	E DATA TABULAT	ION					PAC	E 573
				(CA-8)	K3.1TS7H15.6.	1F10TS402G5	.3.5			(PJF350)	( 01 JL	IN 76 )
		REFERENCE D	ATA						PA	RAMETRIC DA	\TA	
REF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP YMRP ZMRP	,,,,,	O IN.YC			S	LPHAW = TAB = ORB = DFLAP =	2.000 EL	I/L = LEVTR = LEVON =	1.090 .000 -5.000
			RUN NO.	350/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH .154 .155 .154 .155 .154	GP 20.277 23.255 39.682 55.026 97.362 GRADIENT	ALPHAW 12.19313 12.16973 12.16124 12.11712 12.24856 .00000	34.88476	CP1 02744 02824 05605 06758 08632 .00000	CP2 02909 03066 05776 06955 08879 .00000	CP3 02375 02526 05544 06701 08712 .00000	CP4 03299 03404 03210 04213 05789	05891 05678 06745 08310	04653 06118	5 .000 .000 5 .000 2 .000	00 00 00 00 00
				(CA-8)	K3.1157	F10TS402G5	.3.5			(PJF351)	י ו טע	N 76 )
		REFERENCE D	ATA						PA	RAMETRIC DA	TA.	
LREF	= 327. = 2348	.0000 SQ.FT. .8000 IN. .0000 IN.	XMRP YMRP ZMRP	.0000	IN.YC			1	LPHAW = ORB = DFLAP =		I/L = EVON =	1.090
			RUN NO.	351/ 0 F	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH .155 .155 .155 .155	GP 11.279 15.583 25.959 34.821 GRADIENT	WAHRAM 23892 19121 14231 69000	Q(PSF) 35.13641 35.27761 35.20233 35.09358 .00000	CP1 .02042 .01338 00653 01957 .90000	CP2 00333 01070 02990 04187	CP3 .00559 00199 02280 03572	CP4 03328 03545 02688 02784	05663 04911 05055	CP5 04168 04607 03942 03995	.000 000 000	00 00 00 00

-.03572

-.02688 -.02784 .00000

.00000

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-.04911 -.05055 .00000

.01338 -.00653 -.01957

				FUNCE SOUNCE	L DATA TABULA	ATION					PAGE 574
				(8-A3)	K3.1TS7	F10T54020	5.3.5				
		REFERENCE I	DATA							(PJF352) (	01 JUN 76 1
SREF	= 5500	0.0000 SQ.FT	VMDD						P/	ARAMETRIC DATA	
LREF	= 35.	7.8000 IN.		= 1339,9100 = 0000	IN.XC				ALPHAW =	4.108 RN/L	
BREF SCALE	= 2348 =	3.0000 IN. .0400	ZMRP	= 190.7500	IN.ZC				IORB =	6.000 ELEVO	= 1.090 N = -5.000
		.0.00							BDFLAP =	.000	
			RUN NO.	352/0 R	N/L = .00	GRADIEN	T INTERVAL	00			
	MACH	GP	ALPHAW	Q(PSF)	654			- ~5.00	/ 5.00		
	. 155 . 155	11.331 15.349	4.10819	35,38497	.02826	CP2 .00747	.02122	CP4	CP5	CP6	BETA
	. 155	23.753	4.07318 4.07012	35.02428 35.01822	-01835	-,00168	.01122	0139			.00000
	.154	39.724	4.13155	34.83046	.00248 01630	01593 03417	00556	+.0153	304182	02712	.00000
	,,,,,	54.741 GRADIENT	4.10449 .00000	35.06576	02325	04142	02572 03355	00320			.00000
			.00000	.00000	.00000	.00000	.00000	.00000		.02203 00000	.00000
				(CA-8) k	(7 tren						
		DEFENSE S		(CA-G)	3.1157	F10TS402G5	5.3.5			(PJF353) (	01 JUN 76 )
		REFERENCE DA	ATA						DAI	RAMETRIC DATA	
SREF =	= 5500 = 327	.0000 SQ.FT. .8000 IN.	XMRP =		IN.XC						
BREF =	= 2348.	0000 IN.	YMRP = ZMRP =	.0000	IN.YC			A	LPHAW = ORB =	6.177 RN/L 6.000 FIFVON	1.090
SCALE =		0400		130,7300	IN.ZC				DFLAP =	6.000 ELEVON	= -5.000
			RUN NO.	353/ 0 RN	/L = .nn						
	MACH	GP			/L = .00	GRADIENT	INTERVAL :	= -5.00/	5.00		
	. 155	11.341	ALPHAW 6.17723	Q(PSF) 35.22797	CPI	CP2	CP3	CP4	CP5	CP6	D=
	.155	14.249	6.13824	35.10683	.02806 .01802	.01101	.02517	01532	04071	02570	BETA .00000
	. 154	23.106 38.869	6.11079 6.20999	35.01854 34.84969	.00564	00949	.00105	01100 01305	03724 03996	02138 02397	.00000
	. 155 . 155	54.808	6.17309	35.00163	01782 02532	03370 04077	02486	00687	03476	01706	.00000
	• 123	65.264 GRADIENT	6.27904 .00000	35.01033 .00000	03142	04697	03253 03891	01259 01556	04026 04344	02292	.00000
			,00000	. 00000	.00000	.00000	.00000	.00000	.00000	02623 00000	.00000 .00000
							.00000	.00000	-00000	.00000	.00000

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<b>V</b>

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION							
	(CA-8) k3.1TS7	F10TS40265.3.5	(PJF354) ( 01 JUN 76 )				
REFERENCE D	ATA LES ESTERNAS LA LA LA LA LA LA LA LA LA LA LA LA LA		PARAMETRIC DATA				
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.175 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000				
RUN NO. 354/ D RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00							
MACH GP .154 11.340 .155 13.841 .155 23.141 .155 39.064 .155 54.512 .155 75.653 GRADIENT	ALPHAW Q(PSF) CP1 8.17491 34.82793 .02658 8.14332 35.14114 .01502 8.10524 35.1070700373 8.20595 35.1767802183 8.17970 35.2275502988 8.20520 35.1362104448 .00000 .00000 .00000	CP2 CP3 .01367 .02702 .00307 .015010166200617035170266504337035320567304973 .00600 .00000	CP4         CP5         CP6         BETA          02225        04784        03180         .00000          01874        04669        02981         .00000          01418        04234        02458         .00000          01168        03975        02021         .00000          01984        04792        02900         .00000          02395        05260        03256         .00000           .00000         .00000         .00000         .00000				
	(CA-8) K3.1TS7	F10T5402G5.3,5	(PJF355) ( 01 JUN 76 )				
REFERENCE DA			PARAMETRIC DATA				
SREF = 5500.0000 SQ.FT. LREF = 367.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.215 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000				
RUN NO. 355/ 0 RN/L = .00 GRADIENT INTERVAL = -5.60/ 5.00							
.155	ALPHAW Q(PSF) CP1 10.21554 35.09656 .01216 10.17320 35.16715 .00269 10.14945 35.0200901254 10.12327 34.7779103548 10.25796 34.6837304892 10.25964 35.1768705967 .00000 .00000 .00000	00634 .00522	CP4				

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## CA-8 - FORCE SOURCE DATA TABULATION

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										PAGE 576
				(CA-8)	K3.1TS7	F10T54026	5.3.5		(PJF356) (	01 JUN 76 )
REFERENCE DATA					P.	ARAMETRIC DATA				
LREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPHAW = 10RB = BDFLAP =	12.152 RN/L 6.000 ELEVON	= 1.090 V = -5.000
			RUN NO.	356/ 0 F	N/L = .00	GRADIEN'	T INTERVAL	<b>=</b> -5.00/ 5.00		
	MACH - 156 - 155 - 154 - 154 - 154	GP 20.248 23.454 39.611 54.986 97.349 GRADIENT	ALPHAW 12.15178 12.11677 12.21019 12.20125 12.22809 .00000	0(PSF) 35.71228 35.04432 34.87890 34.73462 34.94830 .00000	CP1 02390 02580 05518 06633 08716 .00000	CP2 03113 03295 06210 07339 09357 .00000	CP3 -,02071 02324 05533 -,06834 08910 .00000	CP' CP5'3964065800422306961041460685104526072720589908671	05050 04670 04986 06355	BETA .00000 .00000 .00000 .00000 .00000
				(CA-8)	K3.1TS7H15.6.	.1F10TS40265	.3.5		(PJF357) (	01 JUN 76 )
REFERENCE DATA						PA	RAMETRIC DATA			
LREF	= 327. = 2348.	.0000 SQ.FT. .8000 IN. .0000 IN. .0460	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			ALPHAW =	.223 RN/L -2.000 ELEVTR 6.000 ELEVON	
			RUN NO. 3	857/ 0 RI	N/L = .00	GRADIENT	INTERVAL	= -5.00/ 5.00		
	MACH .155 .155 .155 .154	GP 11.279 14.924 24.710 33.679 GRADIENT	ALPHAW .22295 .17955 .12577 .05099 .00000	Q(PSF) 35.21410 35.23069 35.02086 34.98216 .00000	CP1 .02358 .01615 00882 01827 .00000	CP2 .00052 00817 03087 03894 .00000	CP3 .00914 00008 02522 03455 .00000	CP4 CP50280104917035620576502879050120258404726 .00000 .00000	CP6 03801 04692 04032 03756 .00000	BETA .00000 .00000 .00000 .00000

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DATE 06 JUL 76
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## CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

### PAGE 577 (PJF358) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. XMRP = 1339.9100 IN.XC YMRP ALPHAW = .0000 IN.YC 3.987 RN/L = 1.090

	SCALE	= .0400		190.7500 IN.ZC		IORB =	-2.000 6.000	ELEVTR = ELEVON =	-23.000
						BDFLAP =	.000	ECCYON -	-5.000
Ò,			RUN NO. :	358/ 0 RN/L =	.00 GRADIENT INTERVAL =	-5.00/ 5.00			
			P ALPHAW	Q(PSF) CP1	CP2				

MACH GP .155 11.330 .155 13.142 .155 21.921 .154 38.125 .154 53.027 GRADIENT	ALPHAW QUE 3.98720 35.16 3.99356 35.16 4.11509 35.03 4.16751 34.93 4.16005 34.79 .00000 .00	677 .02546 712 .02389 876 .00688 07801331	01179 03067 03604	CP3 .02326 .01793 00005 02115 02744	CP4 -,01305 -,01486 -,01305 -,00574 -,00916	CP5 03*15 04117 04135 03437 03648	CP6 02251 02564 02626 01847 02121	BETA .00000 .00000 .00000 .00000
	.00.00	.00000	.00000	.00000	-00000	.00000	02121	.00000

## (CA-B) K3.1TS7H15.6.1F10TS402G5.3.5

## [ 01 JUN 76 ]

.00000

### REFERENCE DATA

REF =	= 5500.0000	SQ.FT.	XMRP =	1339.9100	IN VO				PARAMETRIC	DATA	
REF =	327.8000		YMRP =		IN. YC			ALPHAW =	6.129	RN/L =	1.090
CALE =		IN.	ZMRP =	190.7500				STAB = IORB =	-2.000	ELEVIR =	-23.000
								BDFLAP =	6.000 .000	ELEVON =	-5.000

MACH GP ANDREAS		GRADIENT INTERVAL =	-5.00/ 5.00		
MACH GP ALPHAM .155 11.341 6.12857 .155 12.896 6.09878 .155 21.755 6.17578 .154 37.626 6.14145 .154 53.457 6.21640 .154 63.858 6.15146 GRADIENT .00000	35.27591 .02757 35.16560 .02232 35.07950 .00326 34.919501875 34.8828802801 34.9953003014	CP2	CP4 CP5017800460101396042720128204296005960360001191042240148804477	CP6028840250402550017580236302633	BETA .00000 .00000 .00000 .00000 .00000

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## (CA-8) K3.1157H15.6.1F10TS402G5.3.5

### (PJF360) ( 01 JUN 76 )

### REFERENCE DATA

RIN NO ZEDI O

### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP 1339.9100 IN.XC LREF = 327.8000 IN. ALPHAW = YMRP 8.550 RN/L = .0000 IN.YC 1.090 BREF = 2348.0000 IN. STAB = ZMRP -2.000 ELEVTR = 190.7500 IN.ZC -23.000 SCALE = .0400 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000

		1.014 140.	2007 0	KN/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH -155 -155 -155 -154 -155 -155	GP 11.340 12.974 22.301 38.031 53.756 74.697 GRADIENT	ALPHAW 8.21994 8.18984 8.16166 8.12407 8.09124 8.13433 .00000	Q(PSF) 35,26997 35,29266 35,20693 34,96881 35,01959 35,22105	00041 02585 03000	CP2 .00801 .00800 01000 03572 04030 05710 .00000	CP3 .01854 .01782 00207 03035 03556 05233	CP4 01916 01463 01763 00894 01742 01803 .00000	CP5048790443104764040270453804916	CP6 03041 02643 02941 01991 02600 02901	SETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1757H15.6.1F10TS402G5.3.5

## (PJF361) ( 01 JUN 76 )

## REFERENCE DATA

SREF	= 5500.0000	SQ.FT. XMRP	- 1770 0100				PARAMETRIC	DATA	
LREF	<b>327.8000 327.8000 327.8000</b>	IN. YMRP	0000	IN.YC		ALPHAW = STAB =	10.205	RN/L = ELEVTR =	1.090
SCALE	0400		= 190.7500	IN.ZC		IORB = BDFLAP =	5.000	ELEVON =	-23.000 -5.000

					BUF L	4P =	.000	
	RUN NO. 361/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/ 5	.00		
MACH GP .155 11.326 .155 15.341 .154 21.505 .154 38.186 .155 53.337 .155 85.145 GRADIENT	ALPHAW Q(P 10.20528 35.12 10.18049 35.05 10.16489 34.97 10.14547 34.89 10.17747 35.00 10.16112 35.00 .00000 .000	334 .00827 29200012 47801233 55603452 36604967 37205916	04037 05572	.00240 ~ 01198 ~ 03697 ~ 05337 ~	CP4 .02147 .02582 .02493 .02038 .02468 .03472 .00000	CP5 05057 05532 05473 05072 05446 06409	CP6 03302 03752 03481 02892 03298 04281	BETA .00000 .00000 .00000 .00000 .00000

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	(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5	(PJF362)	( 01 JUN 76 )
REFERENCE DATA		PARAMETRIC DAT	ГА
LREF = 327.8000 IN. YMRP =	1339.9100 IN.XC .0000 IN.YC 190.7500 IN.ZC		VL = 1.090 EVTR = -23.000 EVON = -5.000
RUN NO. 362	2/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00	/ 5.00	
.155	Q(PSF) CP1 CP2 CP3 CP4 35.283590194702168015370358 35.239760320603378030480308 35.011690529405549052680358 34.842810681207092069650401 35.196720832908665085540563 .00000 .00000 .00000 .00000	70585903898 70637104331 10674504732 90838606335 0 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000
REFERENCE DATA	(CA-8) K2.1TS7H15.6.1F10TS401G5.3.5	(PJF364) PARAMETRIC DAT	( 01 JUN 76 )
네트 보고하는 그리트 프로그램 바다를 열시는데 나오는 표			
LREF = 327.8000 IN. YMRP =	.0000 IN.YC 190.7500 IN.ZC	STAB = -2.000 ELE 10RB = 3.000 ELE	L = 1.090 VTR = .000 VON = .000 = 44.000
RUN NO. 364	0 RN/L = .00 GRADIENT INTERVAL = -5.00	/ 5.00	
MACH ALPHAW BETA .155 2.229 .000 .155 3.220 .000 .155 4.278 .000 .155 6.264 .000 .155 8.362 .000 .155 GRADIENT .000	000 35.22539034910534804798 000 35.02698032600499904510 000 35.04401032280483404359 007 35.37362033400483704327 000 35.12715040660534404828	01715044270185504589013730417501355040130220404774	P6 03243 03212 02708 02391 03071 00264

## (CA-8) K2.1TS7H15.6.1F10TS40165.3.5

(PJF365) ( 01 JUN 76 )

	REFERENCE DATA					PARAMETRIC	DATA	
LREF =	5500.0000 SO.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC			BETA = STAB = IORB = BDFLAP =	-2.000 3.000	RN/L = ELEVTR = ELEVON = GP =	1.090 .000 .000 54.000
	RUN NO	. 365/ 0 RN/1 =	.00 GRADI	IENT INTERVAL	= -5.00/ 5.00			
	MACH ALPHAW -155 4.268 -155 6.229 -155 8.229 -155 10.329 -155 12.355	BETA Q(PSF) .00000 35.23638 .00000 35.04847 .00000 35.13105 .00000 35.26875 .00000 35.35460	02854 - 02951 - 03892 - 05097 - 07013 -	046950 054130 064120 082150	23 CP4 0409201441 0389302057 0465702454 0575603590 0756505383 00000 .00000	CP5 03886 04454 04890 05909 07492 .00000	CP6 02414 02786 02977 03903 05422 .00000	
	보다. 네트로 크리트레크 플레스 프리트 어							
		(CA-8) K2.1TS7	115.6.1F10TS40	165.3.5		(PJF36	6) (0)	JUN 76 1
	REFERENCE DATA	(CA-8) K2.1TS7	115.6.1F10TS40	0165.3.5		(PJF36		JUN 76 1
LREF =	REFERENCE DATA 5500.0000 SQ.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	(CA-8) K2.1TS7F = 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC	115.6.1F10TS40	0165.3.5	BETA = STAB = IORB = BOFLAP =			1.390 .000 .000 44.000
LREF = 8	5500.0000 SQ.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= 1339.9100 IN.XC = .0000 IN.YC			STAB = LOR8 =	PARAMETRIC .000 -2.000 3.000	RN/L = ELEVTR = ELEVON =	1.390 .000 .000

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(CA-8)	K2.1	TS7H1!	5.6.1	FIO	TS401	G5.	3.5
				., , ,	12101		J . J.

(PJF367) ( 01 JUN 76 )

	REFE	RENCE DATA							DADAMETO		
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000	) IN. YMRP ) IN. ZMRP	= 190	0.9100 IN.XC .0000 IN.YC 0.7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON = GP =	1.390 .000 .000 54.000
		MON NO.	. 367/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH .185 .186 .186 .186 .186	6,288 8,348 10,322	BETA .00000 .00000 .00000 .00000 .00000	Q(PSF) 50.25506 50.39586 50.20541 50.26782 50.22425	CP1 02398 02685 03541 05383 07228 00000	CP2 04148 04369 05116 06886 08787 .00000	CP3 03656 03660 04241 05942 07759 .00000	CP4 02335 02494 03644 04162 06078 .00000	CP5 04236 04237 05367 05776 07579 .00000	CP6 03020 02866 03829 04044 05632 .00000	
			(C	A-8) K2.1157	HIS S IFIOT	Charce 2 E					
	DECE	ornor siri			ilia.o. ir idi	340103.3.5			(PJF36	83) (OI)	JUN 75 1
	MEFE	RENCE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	5500.0000 327.9000 2348.0000 .0400	IN. YMRP	=	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON = GP =	1.43p .000 .000 44.000
		RUN NO.	368/ 0	RN/L =	.00 GR	ADIENT INTER	RVAL = -5.0	00/ 5.00			
	MACH •204 •204 •204 •204	ALPHAW 2.213 3.238 4.307 6.257 8.337 GRADIENT	BETA .0000C .00000 .00000 .00000 .00000	Q(PSF) 60.22349 60.45488 60.22012 60.34508 60.40664 00316	CP1 02795 02563 02649 02710 03845 .00069	CP2 04723 04496 04561 04614 05660 .00076	CP3 04053 03683 03637 03465 04353 .00198	CP4 02717 02443 02398 03114 03464	CP5 04491 04160 04094 04646 04987	CP6 03379 02990 02822 03269 03348 .00265	

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## (CA-8) k2.1TS7H15.6.1F10TS40165.3.5

			10A 07 RE. [15	U113.0.1F IU	1540105.3.5			(PJF3	369) (01.	JUN 76 1
	REFE	RENCE DATA						PARAMETRI	IC DATA	
SREF = LREF = BREF = SCALE =	327.8000 2348.0000	IN. YMRP	= .0000 IN.YC				BETA = STAB * IORB = BDFLAP =	.000 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON = GP =	1.430 .000 .000 54.000
		RUN NO.	. 369/ 0 RN/L =	.00 GF	RADIENT INTE	RVAL = -5.	00/ 5.00			
	MACH .204 .204 .204 .204	ALPHAW 4.239 6.310 8.361 10.342 12.403 GRADIENT	BETA Q(PSF) .00000 60.19713 .00000 60.24327 .00000 60.03724 .00000 60.39382 .00000 60.32885 .00000 .00000	CP1 02824 02712 03724 04996 07184 .00000	CP2 04832 04719 05628 06850 08970 .00000	CP3 03788 03467 04294 05306 07372 .00000	CP4 02666 02979 03585 05094 06614 .00000	CP5 04214 04444 04979 06362 07776 .00000	CP6 02997 03022 03389 04653 05871 C0000	
			(CA-8) K3.1157	H15.6.1F20T	S40165.3.5			(PJF3	77) (0) (	UN 76 )
	REFER	ENCE DATA								JI4 /6 1
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC				BETA = STAB = IORB = BDFLAP =	.000 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	373/ 0 RN/L =	.00 GP.	ADIENT INTER	71111				
					1141 E	TVAL = -5.1	00.6			

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### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF374) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

	DATA

SREF	<b>±</b> 5500.0000	SQ.FT. XMI	RP = 13	39.9100	IN.XC		ALPHAN	<b>=</b>	. 187	FN/L =	1.090
LREF	<b>= 327.8000</b>	IN. YM	{P =	.0000	IN.YC		STAB	3	-2.000	ELEVTR =	.000
BREF	= 2348.0000	IN. ZM	₹P = 1	90.7500	IN.ZC		IORB	#	6.000	ELEVON =	-5.000
SCALE	0400						BDFLAP	#	.000		

## RUN NO. 374/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPH	HAW Q(PSF) CP1	CP2	СРЗ СР4	CP5	CP6 I	BETA
.155 11.278 .187	721 35.45882 .00009	02006	0114405718	1.00158	06556	.00000
.155 12.354 .148	376 35.4385000373	02440	0167606106	1.00146	07135	.00000
그들은 그렇게 하면 모양이 되었다. 그는 그들이 하는 것이 그들은 그를 모양하고 그렇게 그 그를 받는 것이다.	270 35.1970800880	02792	0219505807	1.00131	07103	.00000
.155 20.253 .104	, , , , , , , , , , , , , , , , , , ,	04262	0360705//04	1.00119	06693	.00000
.154 24.870 .161		04931	0437704569	1.00121	05749	.00000
.155 28.200 .135		05245	0478204698	1.00114		.00000
.154 33.706 .135		05066	0475404884	1.00124	06248	.00000
GRADIENT .000	00000 .00000	.00000	.00000 .00000	.00000	.00000	.00000

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF375) ( 01 JUN 76 )

### REFERENCE DATA

SREF	=	5500.0000	SQ.FT. XMR	P = 1339.9	00 IN.XC			ALPHAW =	4.094	RN/L =	1.090
LREF	=	327.8000	IN. YMRI	₽ ≠ .0	000 IN.YC			STAB =	-2.000	ELEVTR =	.000
		2348.0000	IN. ZMRI	P = 190.7	500 IN.ZC			IORB =	6.000	ELEVON =	-5.000
SCALE	=	.0400						BDFLAP =	.000		

## RUN NO. 375/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP .	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 154	11.331	4.09424	35.14886	.01096	00438	.00676	04475	1.00199	05577	.00000
. 154	13.575	4.11606	35.09338	00036	01452	00519	03850	1.00169	05027	.00000
. 154	18.955	4.10654	35.13116	00534	01999	01006	03298	1.00155	04380	.00000
. 154	22.859	4.12871	35.04886	01702	03043	02394	03017	1.00135	04216	.00000
. 155	26.997	4.11917	35.29444	02167	03463	02758	02704	1.00135	03799	.00000
. 155	38.988	4.16040	35.19976	03240	04668	04052	02129	1.00124	03308	.00000
.155	53.925	4.19178	35.16762	03416	04904	04265	01725	1.00122	02817	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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( 01 JUN 76 )

CA-8 - FORCE SOURCE DATA TABULATION

1CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

REFERENCE D			PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 6.154 RN/L = 5TAB = -2.000 ELEVTR = 6.000 ELEVON = BDFLAP = .000	.000
	RUN NO. 376/ 0 RN/L = .00	GRADIENT INTERVAL .	-5.00/ 5.00	
MACH GP .154 11.341 .154 13.441 .154 18.881 .155 22.548 .155 26.630 .154 38.416 .154 54.097 .155 64.532 GRADIENT	ALPHAW Q(PSF) CP1 6.15392 35.09331 .00089 6.12049 35.0699000162 6.11154 35.1204601109 6.09820 35.2962701595 6.12904 35.2197502146 6.18765 35.1018503610 6.14290 35.1496103700 6.20736 35.1803403784 .00000 .00000 .00000	0103800162 - 0131600489 - 0225201379 - 0275501963 - 0340602549 - 0473304189 - 0467804043 - 0492404434 -	.03758	SETA .00000 .00000 .00000 .00000 .00000 .00000 .00000
네트리 : 하는데 알다는 그러워 한 경험을 받는다. 건강한 () 글 [12] : 그들의 글 - 네티플리 (12] ( 12] : 그림	(CA-B) K3.1TS7H15.6.	1F10TS402G5.3.5	(PUF377) ( 0	1 JUN 76 )
	이 화면 경기 남편되었다. 너 이 그는 그리는 그 모이다.		PARAMETRIC DATA	
REFERENCE D SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	[2] 사용하다 : Har Night (2) (2) (1) (1) (1) (2) (3) (4)		ALPHAW = 8.131 RN/L STAB = -2.000 ELEVTR 10RB = 5.000 ELEVON BDFLAP = .000	
	RUN NO. 377/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.340 .155 12.708 .155 18.315 .155 22.092 .154 26.092 .154 38.069 .154 53.554 .155 74.725 GRADIENT	ALPHAW 0(PSF) CP1 8.13055 35.1926700197 8.10990 35.1923201408 8.14700 35.1923201408 8.14017 35.2002701958 8.13370 35.0734802538 8.11989 35.1544903976 8.16845 35.1443804654 8.20010 35.2084804930 .00000 .00000	0132600090 - 0132400167 - 0249501359 - 0308902017 - 0379702749 - 0513604313 - 0582604943	CP4	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000

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DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION
                                                                                                       (PJF378) ( 01 JUN 76 )
                                     (CA-8) K3.1T57H15.6.1F10TS402G5.3.5
                                                                                            PARAMETRIC DATA
              REFERENCE DATA
        5500.0000 SQ.FT.
                            XMRP = 1339.9100 IN.XC
                                                                                         ALPHAW =
                                                                                                      10.146
         327.8000 IN.
                            YMRP
                                                                                         STAB =
                                        .0000 IN.YC
                                                                                                      -2.000
                            ZMRP
                                      190.7500 IN.ZC
                                                                                         TORB
BREF = 2348.0000 IN.
                                                                                                      6.000
SCALE =
             .0400
                                                                                         BDFLAP =
                                                                                                        .000
                         RUN NO. 378/ 0 RN/L =
                                                        .00
                                                              GRADIENT INTERVAL = -5.00/ 5.00
       MACH
                           ALPHAW
                                       O(PSF)
                                                  CPI
                                                                         CP3
                                                                                   CP4
                                                                                               CP5
                                                                                                          CP5
                                                             CP2
                          10.14611
                                     34.99931
                                                 -.00937
                                                                        -.00398
                                                                                              1.00251
       . 154
                 11.327
                                                             -.01920
                                                                                   -.06148
                                                                                                         -.06331
                                                                        -.00887
                                                                                   - 06190
                                                                                                         -.06329
        . 155
                 12.940
                          10.11614
                                     35.19281
                                                  -.01361
                                                             -.02448
                                                                                              1.00214
                                                                                                         -.05700
       . 155
                 18,127
                          10.10990
                                     35.21166
                                                 -.02265
                                                             -.03316
                                                                        -.01931
                                                                                   -.05688
                                                                                              1.00160
                          10.10513
                                                                                   -.04955
                                                                                              1.00141
                                                                                                          -.04981
       . 154
                 21.846
                                     35.14441
                                                 -.03189
                                                             -.04358
                                                                        -.02959
                                                                                                         -.05577
       . 154
                 25.609
                          10.11813
                                     34.98085
                                                 -.03777
                                                             -.04918
                                                                        -.03622
                                                                                   -.05609
                                                                                              1.00115
                                                                                                          -.03949
       , 155
                 38.202
                          10.13770
                                     35.35109
                                                 -,04946
                                                             -.06166
                                                                        -.05064
                                                                                   -.04255
                                                                                              1.00091
        .155
                 53.606
                          10.20543
                                     35.18226
                                                 -.05618
                                                             -.06824
                                                                        -.05773
                                                                                   -.04585
                                                                                              1.00080
                                                                                                          -.04264
                                                                                   -.04877
        . 155
                 85.249
                          10.20976
                                     35.30067
                                                 -.06292
                                                             -.07525
                                                                        -.06430
                                                                                              1.00071
                                                                                                         -.04430
               GRADIENT
                            .00000
                                       .00000
                                                   .00000
                                                                         .00000
                                                                                     00000
                                                                                               .00000
                                                                                                           .00000
                                                              .00000
```

XMRP = 1339.9100 IN.XC

YMRP = .0000 IN.YC

ZMRP = 190.7500 IN.ZC

Q(PSF)

35.37863

35.23119

35.23154

35.06583

35.32831

35.36361

.00000

RN/L =

CP1

-.03653

-.04937

-.05274

-.07079

-.07715

-.08123

.00000

RUN NO. 379/ D

ALPHAW

12.16723

12.14816

12.14952

12.14431

12.17858

12.26830

.00000

REFERENCE DATA

20.250

23.571

27.045

39.572

55.028

97.357

GRADIENT

5500.0000 SQ.FT.

327.8000 IN.

2348.0000 IN.

.0400

BREF =

SCALE =

MACH

. 155

.155

. 155

. 154

. 155

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

.00

CP2

-.04654

-.05940

-.06512

-.08346 -.08975

-.09419

.00000

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RN/L = ELEVTR =

(PJF379)

RN/L

ELEVIR =

ELEVON =

PARAMETRIC . DATA

CP6

-.07061

-.06714

-.06190

-.05164

-.05573 -.06643 .00000

12.167

-2.000

6.000

.000

ALPHAW =

BDFLAP =

=

=

CP5

1.00246

1.00221

1.00197

1.00154

1.00132

1.00125

.00000

STAB

IORB

CP4

-.07361

-.07110

-.06770

-.05997

-.06452 -.07391

.00000

GRADIENT INTERVAL = -5.00/ 5.00

CP3

-.03018

-.04518

-.04928

-.07060

-.07711 -.08072

.00000

ELEVON = -5.000

BETA

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( 01 JUN 76 )

BETA

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Marine Committee of the

1.090

## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF380) ( 01 JUN 76 )

SREF = 5500.0000	SQ.FT. XMRP = 1330 0100 IN VO
LREF = 327.8000	IN WOOD THE ACTION THE
BREF = 2348.0000	
5CALF = 0000	IN. ZMRP = 190,7500 IN.ZC

## PARAMETRIC DATA

ALPHAW	= .	.132	RN/L =	1.090
STAB	= " - ",	2.000	ELEVTR =	.00
IORB	=	6.000	ELEVON =	
BDFLAP	_		CLEVON -	-5.000
יייי ביייי	~	.000		

RUN NO. 380/ n	RN/I -	00 00.00.		
	· · · · · · · · · · · · · · · · · · ·	OO GRADIENI	INTERVAL = -5.00/	5.00

MACH GP .155 11.277 .155 14.679 .154 20.164 .155 24.765 .155 28.122 .154 33.621 GRADIENT	ALPHAW Q(PSF .13217 35.2881 .15103 35.2203 .12191 35.0708 .12985 35.3397 .14399 35.2584 .14981 35.1530 .00000 .00000	5 .0034301821 +0084903086 50185104096 60228304527 50311105320 0346405594	30223906412 50327705747 70352405432 10446105270 0477804863	1.00135 7 1.00116 2 1.00123 1 1.00121 3 1.00117	CP6 BETA06805 .0000006715 .0000005090 .0000005782 .0000005677 .0000005694 .00000
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## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF381) ( 01 JUN 76 )

SREF	= 5500.0000	SQ.FT.	XMRP =	1339.9100	IN VO
LREF	= 327.8000		YMRP =		
BREF			ZMRP =	.0000	
SCALE			ZIIRP =	190.7500	IN.ZC

## PARAMETRIC DATA

ALPHAW =	4.129	RN/L =	1.090
STAB =	2.000	ELEVTR =	.000
IORB =	6.000	ELEVON =	-5.000
BDFLAP =	.000		

## RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

. 154 . 154 . 155 . 154 . 155 . 155 . 155	11.331 13.977 19.356 23.260 27.385 39.384 54.325 GRADIENT	ALPHAW 4.12865 4.09937 4.09787 4.12593 4.11645 4.15853 4.19844 .00000	0(PSF) 35.11638 35.01189 35.23534 35.12479 35.17525 35.35572 35.10475 .00000	CP1 .00806 .00322 00331 01408 01542 02940 02820 .00000	CP201128016900244403376035050502604870 .00000	CP3 .00350 00211 00839 01868 02073 03592 03491 .00000	CP40461805189044130420804063033040314400000	CP5 1.00198 1.00168 1.00139 1.00127 1.00123 1.00124 1.00114	CP604538051560439904192040060327903088 .00000	BETA .00000 .00000 .00000 .00000 .00000
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DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

RUN NO. 383/ C RN/L = .00

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## (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

(PJF382) ( 01 JUN 75 )

RI	Ε	F	Ε	R	Ε	N	CE	D.	A'	T	١

네 살림을 하고 말을 하는데 하나 나를 다 안 되었다.	1. 보고 되었다면 하는 그리는 말라면 그렇게 하고 하고 ㅎ	PARAMETRIC DATA
	= 1339.9100 IN.XC	ALPHAW = 6.149 RN/L = 1 ngn
BREF = 2348.0000 IN. ZMRP	.0000 IN.YC = 190.7500 IN.ZC	STAB = 2.000 ELEVTR = .000
SCALE = .0400		IORB = 6.000 ELEVON = -5.000 BDFLAP = .000

			OU, EAL -	.000
	RUN NO. 382/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.341 .154 13.492 .155 18.954 .154 22.615 .154 26.722 .154 38.489 .155 54.145 .155 64.628 GRADIENT	ALPHAW Q(PSF) CP1 6.14849 35.25693 .00791 6.12462 35.01905 .00448 6.10629 35.1736700534 6.10076 35.1022601377 6.16822 35.0220401695 6.14156 35.0528403044 6.16750 35.3446203145 6.18217 35.1883803603 .00000 .00000	01459 .00380 0252000556 0337901567 0362201883 0501903442 0516503524	CP4 CP504905 1.0021805050 1.0019404494 1.0015103986 1.0014403819 1.0013903107 1.0012103442 1.0010903039 1.00109 .00000 .00000	CP6 BETA04686 .0000004872 .0000004257 .0000003771 .0000003543 .0000002762 .0000003054 .0000002573 .00000 .00573 .00000

## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF383) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP 1339.9100 IN.XC LREF = 327.8000 IN. BREF = 2348.0000 IN. ALPHAW = 8.171 RN/L 1.090 YMRP .0000 IN.YC STAB = 2.000 ELEVTR = .000 ZMRP 190./500 IN.ZC ICRB = SCALE = .0400 6.000 ELEVON = -5.000 BDFLAP = .000

	RUN NO. 383/ C RN/L =	.00 GRADIENT INTERVAL	L = -5.00/ 5.00	
MACH GP .155 11.340 .155 13.092 .155 18.699 .154 22.464 .155 29.456 .155 39.456 .155 53.925 .155 75.117 GRADIENT	8.13907 35.203060 8.13075 35.286350 8.12987 35.110070 8.12144 35.132930 8.15068 35.301100 8.17316 35.182530 8.19188 35.175010	1	CP4 CP506360 1.0023705121 1.0020805194 1.0015804689 1.0014504276 1.0012704151 1.0011604425 1.0010304223 1.00101	CP6 BETA05947 .0000004661 .0000004698 .0000003580 .0000003580 .0000003614 .0000003286 .00000

DATE 06 JUL 76

### CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(PJF384) ( 01 JUN 76 )

10.148 RN/L = 1.090

### REFERENCE DATA

= 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC

### PARAMETRIC DATA

ALPHAW =

LREF		.8000 IN.	YMRP		IN.YC				[AB =			000
BREF		.0000 IN.	ZMRP :	= 190.750	IN.ZC				ORB =		70N = -5	000
SCALE	-	.0400						80	OFLAP =	.000		
			RUN NO.	3847 0	RN/L = .(	00 GRADI	ENT INTERVAL	= -5.00/	5.00			
	MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA	
	. 154	11.327	10.14829	35.10733	00353	02390		06325	1.00247	05614	.00000	
	. 155	13,105	10.12232	35.38370	00757	02696	00170	06818	1.00231	05931	.00000	
	. 154	18.290	10.11833	35,12580	02110	04063	01666	06436	1.00171	05595	.00000	
	. 154	22.022	10.11183	35.10904	02458	04410	02086	06373	1.00148	05551	.00000	
	. 155	25.759	10.10547	35.22094	03034	05030	02688	05937	1.00110	05018	.00000	
	. 154	38.351	10.19946	34.84257	-,05171	07166	05000	05598	1.00088	04404	.00000	
	. 154	53.778	10.19088	34.92436	05303	07352	05205	05739	1.00065	04497	.00000	
	.155	85.438	10.24705	35.40508	06324	08338	06263	05824	1.00078	04465	.00000	
아는 남은 말		GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	

### (CA-8) K3. ITS7H15.6. 1F10TS402G5.3.5

(PJF385) ( 01 JUN 76 )

### DECEDENCE DATA

## PARAMETRIC DATA

SREF		5500.0000	SQ.FT.	XMRP	= 13	39.9100	IN.XC					AL	.PHAW =		12.178	RN/L	= 1 5	1.090
LREF	=	327.8000	IN.	YMRP	<b>=</b>	.0000	IN.YC					51	AB =		2.000	ELEVTR	#	.000
BREF	- =	2348.0000	IN.	ZMRP	= 1	90.7500	IN.ZC					10	)RB =		6.000	ELEVON	= '	-5.000
SCAL	E =	.0400										80	FLAP =		.000		544	
				RUN NO.	385/	0 RN	/L =	.00	GRADIENT	INTERVAL	= -	5.00/	5.00					
					tary that			Jack Treft										
	M	ACH G	Ρ	AI PHAL	J	OURSEL	CP1		CP2	CPZ	r	PL	CP	5	CPF		RETA	

MACH	GP	ALPHAW	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6	BETA -
. 156	20.531	12.17746	36.049380359	505466	02866	08055	1.00252	07006	.00000
. 154	23.611	12.15460	34.990430433	106272	03698	07955	1.00205	06757	.00000
. 155	27.079	12.15230	35.241440481	806715	04246	07470	1.00192	06204	.00000
. 154	39.608	12.15169	34.887610684	008722	06561	07554	1.00147	06026	.00000
. 155	55.074	12.16020	35.390670739	809638	07204	06931	1.00142	+.05144	.00000
. 155	97.399	12.25266	35.167950782	509759	07556	07767	1.00121	06184	.00000
	GRADIENT	.00000	.0000 .0000	000000	.00000	.00000	.00000	.00000	.00000



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	(CA-8) K2.1TS7H15.6.1F10TS401G5.3.5
and provide the contract that the contract of	
REFERENCE DATA	그는 사람이 얼룩하나 살아 먹는 이번 이 일을 했다.

(PJF386) ( 01 JUN 76 ) PARAMETRIC DATA

SREF = 5500.0000	SO ET VADO	
LREF * 327.8000	* * *	1339.9100 IN.XC
BREF = 2348.0000	TMRP =	.0000 IN.YC
SCALE = .0400	IN. ZMRP =	190.7500 IN.ZC

ALPHAW = STAB = 10RB = BDFLAP = -	.144	RN/L =	1.090
	.000	ELEVTR =	.000
	3.000	ELEVON =	.000

MACH GP ALPHAW	386/ 0 RN/L = .00	GRADIENT INTERVAL	-5.00/ 5.00	
.155	35.2148400197 35.14953 - 01196	CP2 CP30214901520031420270204024036690556705238 .00000 .00000	CP4 CP50471107255045220726204164070010334106147 .00000 .00000	CP6 BLTA 05989 .00000 06172 .00000 05968 .00000 05136 .00000 .00000 .00000

(CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(PJF387) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000	SO ET Winn
LREF = 327.8000	1000.51UU IN XI
BREF = 2348.0000	1MRH = .0000 IN.YC
SCALE = 0400	IN. ZMRP = 190.7500 IN.ZC

## PARAMETRIC DATA

7.8000	IN	VMDD	- 12	28.8100					10.10					March 1997		
8.0000	INI	YMRP	=	.0000	IN.YC						LPHAW	= ;	4.121	RN/L	=	1.090
.0400	IIV.	ZMRP	. ∓ <b>!</b> .!	90.7500	IN.ZC					S	STAB	=	.000	ELEVTR	_	
.0400			5.4277		11.1.20					1	ORB	= '	3.000			.000
										8	DFLAP	= '	-11.700	ELEVON	=	.000
	R	UN NO.	387/	fi DM	71 <u> </u>								-11.700			
			5017	0 RN	/L =	.00	GRAD	IFNT	INTEDVAL	 	11 _1 _2					

MACH			TOO OWNDIE	AL TRIFERANCE	-5.00/	5.00		
MACH .155 .154 .154 .154 .155	GP ALPHAW 11.331 4.12099 13.868 4.09542 23.148 4.16197 39.261 4.11593 54.217 4.17278 RADIENT .00000	Q(PSF) CP1 35.19785 .005 35.15114 .001 35.05369016 35.09332032 35.19319032 .00000 .000	19001033 65502766 25504275 20204303	CP3 00244 00564 02541 04190 04246 .00000	CP4 03352 03429 02605 01370 01539 .00000	CP50611506194054620418404448	04779 04871 04129 02814 03034	BETA .00000 .00000 .00000 .00000 .00000

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.000

## (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

## (PJF388) ( 01 JUN 76 )

## REFERENCE DATA

SKEP = 5500.0000	SQ.FT. XMRP	= 1339.9100 IN.XC	
LREF = 327.8000			
BREF = 2348.0000	IN THE	10000 114.10	
SCALE = .0400	IN. ZMRP	= 190.7500 IN.ZC	

## PARAMETRIC DATA

ALPHAW	=	6.127	RN/L	==	1.090
STAB	=	.000	ELEVTR		
IORB					.000
, , , , , , , , ,	~~	3.000	ELEVON	#	.000
BDFLAP	= '	-11 700			

RUN NO. 388/	D RN/I =	00 0015				and the same
	D RN/L =	OU GRAL	ILNI INTERVA	L =	-5.00/	5.00

.155	ALPHAW Q(PSF) CP1 .12745 35.19037 .00354 .09595 35.19112 .00252 .09854 35.1919601329 .12568 34.7035203512 .18600 35.1424403685 .17586 35,2043104200 .00000 .00000	0066300229 0217401940 0430104198 0461104571	CP4 CP5032160577604012065100278705383017870406101433040310201504547	CP6 BETA04506 .0000005351 .0000005351 .0000003032 .0000002576 .0000003088 .00000
한 그들은 사람들이 되었다면 본 경기를 보고 말		.00000 .00000	.00000 .00000	.00000 .00000

## (CA-B) K2.1TS7H15.6.1F10TS40165.3.5

## (PJF389) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339 9100	3.5
1 DEF + 207 0000 11	IN.XC
BREE - 3700 0000 11.	IN.YC
BREF = 2348.0000 IN. ZMRP = 190.7500	IN.ZC

	PARAMETRIC	DATA	
ALPHAW = STAB = IORB =	8.161 .000 3.000	RN/L ELEVTR ELEVON	1.090

-11.700

BDFLAP =

### RN/L = GRADIENT INTERVAL = -5.00/ 5.00

.154 .154 .154 .155 .155 .155	11.340 8.16130 13.065 8.14091 22.424 8.12364 38.396 8.10791 53.894 8.17063 75.087 8.21393 GRADIENT .00000	4 · 1 · 3 · 1 · 1 · 1 · 1	02977 04906	CP3	CP5 CP6061490494305721044180578504439050000344305209035840487803236 .00000 .00000	.00000
--	---	---------------------------	----------------	-----	---	--------

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION PAGE 591 (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF390) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF \* 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC IRFF 327.8000 IN. YMRP .0000 IN.YC ALPHAW = 10.166 = RN/L = BREF = 2348,0000 IN. ZMRP STAR = 190.7500 IN.ZC .000 ELEVTR = SCALE = .0400 IORB 3.000 ELEVON = BDFLAP = -11.700RUN NO. 390/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 MACH ALPHAW Q(PSF) CP1 CP2 CP3 .155 11.327 CP4 10,16551 CP5 35,29115 CP6 -.00537 BETA -.01133 -.00265 -.05687 .154 13.137 10.14338 -.07652 -.06508 35.06469 .00000 -.01813 -.02372 .154 22.048 -.01685 -.04719 10.13464 -,06769 35.05493 -.05385 .00000 -.03471 -.04052 -.03512 . 155 10.13127 38.386 -.04428 -.06516 35.44163 -.05032 .00000 -.05436 -.05145 -.05848 .155 -.03560 -.05677 -.05873 53.804 10.17853 -.03972 35.21522 -.06164 .00000 -.06884 -.06617 . 154 -.03783 85.462 10.20400 35.08818 -.04104 -.06088 .00000 -.06688 -.06473 GRADIENT -.04127 -.06146 .00000 .00000 -.04298 .00000 .00000 .00000 .00000 -00000 .00000 .00000 .00000 (CA-8) K2.1TS7H15.6.1F10TS40165.3.5 (PJF391) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC I RFF 327.8000 IN. YMRP ALPHAW = = 12,170 .0000 IN.YC P!/L = BREF = 2348.0000 IN. STAB = ZMRP .000 190.7500 IN.ZC ELEVTR = SCALE = .0400 IORR 3.000 ELEVON = BDFLAP = -11.700RUN NO. 391/ 0 RN/L =

. 00

CP2

--04704

-.05931

-.07799

-.08501

-.09227

.00000

CPI

-.04196

-.05381

-.07260

-.07874

-.08556

.00000

MACH

. 154

.155

.155

. 154

.155

GP

20.263

.23.593

39.611

55.065

97.397

GRADIENT

ALPHAW

12,16964

12.14875

12.14785

12.15826

12.30594

.00000

Q(PSF)

35.00061

35.26728

35.29115

35.08111

35.32129

.00000

GRADIENT INTERVAL = -5.00/ 5.00

CP4

-.06581

-.06419

-.05464

-.05514

-.06203

.00000

CP5

-.08375

-:08121

-.07221

-.07193

-.07761

.00000

CP6

-.06976

-.06645

-.05431

-.05484

-.06019

.00000

CP3

-.03992

-.05262

-.07380

-.08073

-.08846

.00000

1.090

000

.000

1.090

.000

.000

BETA

.00000

.00000

.00000

.00000

.00000

### (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(PJF392) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

S	REF	=	5500.0000	SQ.FT.	XMRP	=	1339.9100	IN.XC		ana dali,		100	ALPHAN	j =	.128	RN/L	=	1.	090
			327,8000		YMRP	=	.0000	IN.YC				(304)	STAB		-2.000		=		000
			2348.0000		ZMRP	=	190.7500	IN.ZC				taria.	IORB	=	3.000	ELEVON	=		000
50	CALE	=	.0400										BDFLAF	× = :	-11.700				
									11.55										

## RUN NO. 392/ 0 RN/L = .00 GRADIENT INTERVAL - -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.277	.12818	35.3375700670	02156	02245	05657	07342	06515	.00000
. 155	14.495	.09926	35.2236601455	03017	03066	05345	07191	06535	.00000
. 154	24.594	. 13477	35.0462002927	04514	04609	04795	06720	06024	.00000
. 155	33.474	14354	35.2328903749	05279	05284		05808	05103	.00000
	GRADIENT	.00000	.00000 .00000	.00000	.00000	.00000	.00000	,00000	.00000

### (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

### (PJF393) ( 01 JUN 76 )

### PARAMETRIC DATA

REFERENCE DATA		원인 살살이 많은 사람들이 살아왔다면요		PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. )	MRP = 1339.9100		ALPHAW =	4.184 RN/L	= 1.090
LREF = 327.8000 IN.	MRP = .0000	IN.YC	STAB =		
BREF = 2348.0000 IN. Z SCALE = .0400	MRP = 190.7500	IN.ZC	IORB =	3.000 ELEVON	= .000

# RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW	Q(PSF) C	P1 CP2	CP3 CP4	CP5 CP6	BETA
.155 11	.332 4.18358	35.14133	0078100484	.000950443	00628905303	.00000
	.048 4.15817	35.13185	0034100989	004170447	90630605234	.00000
	.319 4.12932	35.18517	0143202748	022340299	30497503935	.00000
	.457 4.16473	35.19800	0333504554	042220210	50411502932	.00000
	.386 4.17892	35,27159	0382505156	048140189	ı0392802638	.00000
GRAD	1ENT .00000	.00000	00000.	00000 .0000	00000 .00000	.00000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION PAGE 593 (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF394) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP 1339.9100 IN.XC = ALPHAW \* 6.118 RN/L = LREF 327.8000 IN. 1.090 YMRP .0000 IN.YC STAB = .000 BREF = -2.000 ELEVTR = 2348.0000 IN. ZMRP 190.7500 IN.ZC LORB 3.000 ELEVON = SCALE \* .0400 .000 BDFLAP = -11.700RUN NO. 394/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) CPI CP2 CP3 CP4 CP5 CP6 BETA . 154 11.341 6.11781 35.05984 .01085 -.00099 .00738 -.03923 -.05615 -.04506 .00000 . 154 13.215 6.08989 35.06043 .00588 -.00673 .00249 -.03992 -.05701 -.04568 .00000 .154 22.340 6.14162 35.13526 -.01771 -.02984 -.02262 -.04689 -.02865 -.03376 .00000 .155 38.207 6.10910 35.33966 -.03239 -.04459 -.03925 -.02018 -.03857 -.02486 .00000 .155 53.904 6,17370 35.36206 -.03833 -.05115 -.04546 -.03938 -.02492 .00000 .155 64.357 6.18871 35.19549 -.03713 -.04989 -.04400 -.02175 -.03984 -.02565 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF395) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC ALPHAW = = 327.8000 IN. 8.182 RN/L 1.090 LREF YMRP = .0000 IN.YC STAB = BREF = 2348.0000 IN. -2.000 ELEVTR = .000 ZMRP = 190.7500 IN.ZC IORB = 3,000 ELEVON = SCALE # .0400 .000 BDFLAP = -11.700 RUN NO. 395/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q(PSF) CPI CP2 CP3 CP4 CP5 CP5 BETA . 155 11.340 8.18215 35.15919 -.00307 -.01443 -.00392 -.04607 -.06223 -.04972 .00000 . 154 13.017 8.15795 35.11652 -.00329 -.01494 -.00378 -.04662 -.06247 -.04962 .00000 . 154 22.392

-.02959

-.05079

-.05496

-.05802

.00000

-.02070

-.04383

~.04759

-.05113

.00000

-.03724

-.02813

-.03131

-.03114

-.05424

-.04545

-.04806

-.04680

.00000

-.04049

-.02986

-.03317

-.03163

.00000

.00000

.00000

.00000

.00000

.00000

8.14235

8.12639

8.17525

8.18530

.00000

. 155

.155

. 155

38.388

53.862

75.038

GRADIENT

34.91912

35.31543

35.18021

35.14635

.00000

-.01840

-.03899

-.04273

-.04591

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## (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(PJF396) ( 01 JUN 76 )

### REFERENCE DATA

## PARAMETRIC DATA

PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP =	1770 0100 IN VO				
LREF = 327.8000 IN. YMRP =			PHAW = 10.125	RN/L =	1,090
BREF = 2348.0000 IN. ZMRP =	10000 11110		000.s- = BA	ELEVTR =	.000
SCALE = .0400	190.7500 IN.ZC	10	IRB = 3.000	ELEVON =	.000
		BD	FLAP = -11.700		

# RUN NO. 396/ 0 RN/L = .00 GRADIENT INTERVAL \* -5.00/ 5.00

MACH . 154 . 154 . 155 . 155 . 155	12.760 21.656 37.995 53.407	ALPHAW 10.12509 10.09690 10.09151 10.14931 10.13965 10.23534 .00000		13402238 63004651 622606383	00938 03512 05458 05871 06213	CP4 06154 05490 04656 04242 03780 04561 .00000	CP5 07522 06937 06083 05726 0526 06095 .00000	CP6 06422 05689 04640 04111 03586 04397	BETA .00000 .00000 .00000 .00000 .00000
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## (CA-8) K2.1T57H15.8.1F10T5401G5.3.5

(PJF397) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339,9100 1N.XC	그래 현지 양화가는 제 교육에는 생각 내가 있는 이 전환 사람들이 되는 것은 모든 그 모든 것이다. 그 없는 그 모든
LREF = 327.8000 IN. YMRP = 0000 IN YC	ALPHAW = 12.173 RN/L = 1.090
BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC	STAB = -2.000 ELEVTR = .000
SCALE = .0400	10RB = 3.000 ELEVON = .000
그리 목부터의 이 부러들이 되는 그리고 하고 난 가는 바로 하는 것이 되는 것 같아. 그는 그는 그 사람들이 되는 것 같아.	

## RUN NO. 397/ 0 RN/L = .00. GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW Q(PSF) CP1 CP2 CP3 CP4 .154 20.247 12.17312 35.00038039190433403525066 .155 23.571 12.15612 35.29182045620553804185072 .154 39.569 12.15271 35.08621061530723706186055 .155 55.042 12.16629 35.34392074230851307538061 .154 97.364 12.28170 35.09807078470902408007063 GRADIENT .00000 .00000 .00000 .00000 .00000	2400860007234 9910719905578 1750728605595 3080738305694	BETA .00000 .00000 .00000 .00000
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CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF398) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. 1339.9100 IN.XC XMRP = ALPHAW = .178 RN/L = LREF 327.8000 IN. YMRP .0000 IN.YC STAB = ELEVTR = -4.000 BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC IORB 3.000 ELEVON = = SCALE = .0400 BOFLAP = -11.700RUN NO. 398/ 0 RN/L = .00 GRADIENT INTERVAL = -5.007 5.00 MACH ALPHAW Q(PSF) CP1 CP2 CP3 CPu CP5 CP6 11.278 . 154 .17758 -.00502 35.06853 -.02534 -.02066 -.05700 -.06839 -.06201 . 155 14.613 .13154 35.22917 -.00881 -.02947 -.02463 -.07074 -.05820 -.05471 24,699 . 155 .16707 35.29662 -.01909 -.04079 -.03622 -.05577 -.06874 -.06272 .155 33.572 .15500 35.39765 -.03423 -.05517 -.05025 -.04334 -.05807 -.05237 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-B) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF399) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 5500.0000 SQ.FT. XMRP 1339,9100 IN.XC = ALPHAW = 4.155 RN/L = LREF 327.8000 IN. YMRP =

.00

CP2

-.00340

-.01075

-.03+95

-.04765

-.04979

.00000

CPI

.01446

.00763

-.01688

-.03100

-.03175

.00000

.0000 IN.YC

190.7500 IN.ZC

RUN NO. 399/ 0 RN/L =

Q(PSF)

35,22267

35.19975

34.95215

35.05364

35,24578

.00000

ZMRP

ALPHAW

4.15502

4.12558

4.16296

4.11617

4.12947

.00000

BREF = 2348.0000 IN.

MACH

.155

. 155

. 154

. 154

. 155

.0400

11.331

13.827

23.110

39,234

54.164

**GRADIENT** 

SCALE =

PAGE 595

BETA

.00000

.00000

.00000

.00000

.00000

BETA

.00000

.00000

.00000

.00000

.00000

.00000

ELEVTR =

ELEVON =

STAB =

IORB =

GRADIENT INTERVAL = -5.00/ 5.00

CP4

-.04822

-.C4555

-.03421

-.0:908

-.01533

.00000

CP3

.00831

.00113

-.02503

-.03885

-.04099

.00000

BDFLAP =

CP5

-.06133

-.05891

-.04913

-.03469

--03129

.00000

-4.000

3.000

CP6

-.05331

-.04998

-.03896

-.02346

-.01991

.00000

-11.700

1.090

..000

.000

1.090

.000

## (CA-B) KZ.1TS7H15.6.1F10TS40165.3.5

(PJF400) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

LREF BREF SCALE	= 327.800 = 2348.000	O IN.	XMRP YMRP ZMRP	= 1339.9100 = .0000 = 190.7500	IN.YC			S I	LPHAW = TAB = ORB =	5.152 -4.000 3.000	RN/L = ELEVIR = ELEVON =	1.090
								Bi	DFLAP =	-11.700		1777
			RUN NO.	4007 ti Ri	N/L = .00	GRAD1ENT	INTERVAL =	-5.00/	5.00			
	MACH	GP	ALPHAW	C(PSF)	CP1	CP2	CPZ	CDu	CDE			

MACH GP ALPHAN .154 11.341 6.15198 .154 13.362 6.12034 .155 22.452 6.08990 .154 38.344 6.10295 .155 53.989 6.15288 .155 64.481 6.19887 GRADIENT .00000	35.01986 .00969 35.07988 .00516 35.1965901093 35.1279402883 35.2701603691 35.2296803301	CP2 CP300722 .0069901131 .002180276901514045440343305362043740498203916 .00000 .00000	CP4 04775 04626 03150 02776 02232 02669 .00000	CP5061430599104641042720379704227	CP6 05061 04912 03480 03031 02427 02899 .00000	BETA .00000 .00000 .00000 .00000 .00000
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## (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

.00000

### (PJF401) ( 01 JUN 76 )

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.00000

.00000

### PARAMETRIC DATA

.00000

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 LREF = 327.8000 IN. YMRP = .0000 BREF = 2348.0000 IN. ZMRP = 190.7500 SCALE = .0400	IN.YC	1000	RN/L = 1.090 ELEVTR = .000 ELEVON = .000
RUN NO. 401/ 0 RI	N/L = .00 GRADIENT INTERVAL = -5	.00/ 5.00	

MACH GP	되면로 제 글로마 그는 경우를 다르는		3.00	3.00	
MACH GP .155 11.340	ALPHAW Q(PSF) CF 8.12660 35.14425	·	СРЗ СРЧ	CP5	CP6 BETA
.154 12.714	0.00077	0011901399 0036901907	.0002604611	05932	04747 .00000
1 fr	8.08221 35.28616(	1187003441	0041704844 0207904266	06185 05674	05040 .00000
	0 10030 75 5	381805367	0418503462	04885	04362 .00000 03373 .00000
.154 74.753	0 30.10	1462806122 1458606060	0510403029	04487	02968 .00000
GRADIENT	00000	00000	0499302823	04290	02726 .00000

.00000

.00000

.00000



- 1	DATE OF JUL	76	CA-8 - FO	RCE SOURCE	DATA TABULAT	ION					1	PAGE 5	97
				(CA-8) k	(2.1TS7H15.6.	1F10TS401G5	.3.5			(PJF402	2) (0)	JUN 76	3
		REFERENCE D	ATA							PARAMETRIC	DATA		
	LREF = 32	0.0000 SQ.FT. 7.8000 IN. 8.0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN.YC			S	LPHAW = TAB = ORB = DFLAP =	.000	RN/L = ELEVIR = ELEVON =	ا .	090 000 000
			RUN NO. 41	02/0 RN	I/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00				
	MACH .154 .154 .154 .154 .155	12.900 21.799 38.151 53.564	ALPHAW 10.15181 10.13332 10.12413 10.17398 10.17378 10.21425 .00000	Q(PSF) 34.86731 34.95934 35.09108 34.89036 35.50040 35.21566 .00000	CP1 00619 01570 02798 05356 05771 05967 .00000	CP2 02050 02915 04206 06668 07197 07433 .00000	01256 02692 05530 06021	CP4 05159 05725 05262 04326 04202 04691 .00000	066 065 0569	78056 6051 95039 36038 04042	56 .068 .0957 .0957 .0951 .0951 .0951	ETA 00000 00000 00000 00000 00000 00000	
				(CA-8) K	2.1TS7H15.6.	1F10TS40165	.3.5			(PJF403	0 (01	JUN 76	,
		REFERENCE D	ATA							ARAMETRIC	DATA		
	LREF = 32	0.0000 SQ.FT, 7.8000 IN. 8.0000 IN. .0400	XMRP = YMRP = ZMRP =	1339.9100 .0000 130.7500	IN: YC			S I	LPHAW = TAB = ORB = DFLAP =	.000	RN/L = ELEVTR = ELEVON =		000 000
		기 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	RUN NO. 40	03/ 0 RN	/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00				
	MACH . 154 . 155 . 155 . 156 . 154	23.559	ALPHAW 12.12460 12.10346 12.14818 12.18570 12.26421 .00000	Q(PSF) 35.00835 35.19949 35.42275 35.25460 35.03750 .00000	CP10401404343065490764308222 .00000	CP2 05277 05741 C7944 C9089 09664 .00000	04167 06558 07798 08418	CP4 36921 36687 35839 36289 36984	CP5 0794 0766 0685 0723 0783	7052 9051 5054 9061	97 .0 42 .0 94 .0 98 .0 82 .0	TA 00000 00000 00000 00000	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE D6 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 598

UAIL U	10 JUL 10 CA-0	- FORCE SOURCE DATA TABOER			
		(CA-8) K2.1TS7	F10TS40165.3.5	(PJF404)	01 JUN 76 1
	REFERENCE DATA		경화 회사 회사 교통 보고 있다. 교육 기사를 가장 보고 있다. 그 #	PARAMETRIC DATA	
LREF	= 5500.0000 SQ.FT. XMRF = 327.8000 IN. YMRF = 2348.0000 IN. ZMRF = .0400	> = .0000 IN.YC		ALPHAW * .144 RN/L 10RB = 3.000 ELEVO BDFLAP = -11.700	= 1.090 = .000
	RUN NO	). 404/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
	MACH GP ALPH .155 11.277 .14: .155 15.246 .13: .155 25.332 .15: .155 34.208 .12: GRADIENT .000	365 35.3193300403 397 35.2893100951 539 35.1661402487 987 35.1911503595	CP2 CP30256901984031440260404606042420563105175 .00000 .00000	CP4 CP5 CP6048920714606136048320726806336046540724306357033100596305069 .00000 .00000	BETA .00000 .00000 .00000 .00000
		(CA-8) K2.1157	F10TS40165.3.5	(PUF405) (	01 JUN 76 )
	REFERENCE DATA			PARAMETRIC DATA	
LREF	요즘 그 이 이름 폭력에 깨가 된 그 것이다. 그런 어려워 모르는 그 그 모든 것이다.			ALPHAW = 4.201 RN/L 10RB = 3.000 ELEVO BDFLAP = -11.700	= 1.090 DN = .000
	RUN N	0. 405/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
	MACH GP ALPH .155 11.332 4.20 .155 14.622 4.16 .154 23.769 4.14 .154 39.990 4.09 .155 55.006 4.16 GRADIENI .000	116 35.17167 .01307 997 35.20071 .00712 182 35.0420701149 392 34.9485502900 941 35.2024703335	CP2 CP300619 .007690162400461029060192804579036960505604337 .00000 .00000	CP4         CP5         CP6          03470        06004        04735          03420        06076        04802          02835        05635        04256          01662        04594        03132          01334        04207        02697           .00000         .00000         .00000	BETA .00000 .00000 .00000 .00000 .00000

DAT	E DE	111	76

### CA-8 - FORCE SOURCE DATA TABULATION

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	(CA-8) K2.1TS7	F10TS40165.3.5	(PJF406) ( (	01 JUN 76 )
REFERENCE D	DATA		PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 6.129 RN/L 10RB = 3.000 ELEVON BDFLAP = -11.700	= 1.090 = .000
	RUN NO. 406/ 0 RN/L = .00	GRADIENT INTERVAL	<del>-</del> -5.00/ 5.00	
MACH GP .156 11.341 .155 14.884 .154 23.723 .155 39.780 .155 55.467 .155 65.921 GRADIENT	ALPHAW 0(PSF) CP1 6.12949 35.64474 .01448 6.08695 35.15692 .00332 6.05635 34.9013200999 6.12535 35.3926103291 6.15938 35.3151203531 6.15986 35.1134803624 .00000 .00000 .00000	CP2 CP3 .00119 .0112801010001530234901634046310408704783042910489204397 .00000 .00000	CP4	BETA .00000 .00000 .00000 .00000 .00000 .00000
	(CA-8) K2.1TS7	F10TS401G5.3.5	(PJF407) ( 0	11 JUN 76 1
REFERENCE D	PATA EL PERMENTANTAL EL PERMENT		PARAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 8.129 RN/L 10RB = 3.000 ELEVON BDFLAP = -11.700	= 1.090 = .000
	RUN NO. 407/ 0 RN/L = .00	GRADIENT INTERVAL	= -5.00/ 5.00	
MACH GP .154 11.340 .155 13.142 .154 22.644 .155 38.618 .155 53.918 .155 75.259 GRADIENT	ALPHAW Q(PSF) CP1 8.12887 35.06892 .00263 8.10058 35.2470700033 8.10051 34.9980301601 8.18651 35.3469104273 8.16645 35.1702204179 8.21630 35.1999704774 .00000 .00000 .00000	CP2 CP3007870003001069003900254301985051640486405155048610567505522 .00000 .00000	039210655905282 044080702305703 035720635704946 024010527903553 023370510903381 022200497203268	BETA .00000 .00000 .00000 .00000 .00000 .00000

	06		
			76

## CA-8 - FORCE SOURCE DATA TABULATION

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경험 함께 있는 물 것이다. 그렇게 하는 것이는 그런 말라고 함 보았는데 하는 것 그 말라면 되는 사람들이 그 사람이다.	(CA-8) K2.1TS7	F10TS40165.3.5	(PUF408) ( 01 JUN 76 )
REFERENCE DA	ATA LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LES EL CENTRE LE LE CENTRE LE LE LE CENTRE LE LE CENTRE LE LE CENTRE LE LE CENTRE LE LE CENTRE LE C		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.123 RN/L = 1.090 !ORB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 408/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00
MACH GP .154 11.327 .154 13.226 .154 22.025 .155 38.327 .155 53.723 .155 85.420 GRADIENT	ALPHAW Q(PSF) CP1 10.12304 35.0141001142 10.09900 35.0599901379 10.07846 35.0132503316 10.05751 35.2488704863 10.25409 35.3232605725 10.16094 35.2090806307 .00000 .00000	CP2	CP4         CP5         CP6         BETA          04889        07362        05982         .00000          05585        08073        06760         .00000          04596        07107        05549         .00000          03890        06461        04765         .00000          03740        06322        04451         .00000          03671        06237        04363         .00000           .00000         .00000         .00000         .00000
	(CA-8) K2.1T57	F10T540165.3.5	(PJF409) ( 01 JUN 76 )
REFERENCE DA	ATA		PARAMETRIC DATA
SREF = 5500.0000 SO.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.202 RN/L = 1.090 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 409/ 0 RN/L = .00	GRADIENT INTERVAL =	-5,00/ 5.00
MACH GP .155 20.233 .154 23.551 .154 26.900 .155 39.542 .155 55.061 .155 97.337 GRADIENT	ALPHAW Q(PSF) CP1 12.20178 35.1950403848 12.17097 35.0263104976 12.17038 35.0408005583 12.16351 35.1292507131 12.18847 35.1200007653 12.29840 35.1796508500 .00000 .00000	0543504992 0596105588 0766107417 0807708009	CP4 CP5 CP6 BETA068460925107824 .00000056630810506452 .00000058650823306622 .00000055030784706942 .00000050510733905463 .00000061040836806543 .00000 .00000 .00000 .00000

CA-8 - FORCE SOURCE DATA TABULATION (CA-8) K2.1TS7H15.6.1F10TS40165.3.5 (PJF410) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC ALPHAW = LREF = 327.8000 IN. .133 RN/L YMRP .0000 IN.YC BREF = 2348.0000 IN. STAB = -2.000 ELEVTR = ZMRP 190.7509 IN.ZC IORB = SCALE = 3.000 .0400 ELEVON = BDFLAP = -11.700 RUN NO. 410/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) CPI CP2 CP3 CP4 CP5 CP6 . 155 11.277 .13336 35.23670 -.00543 -.02741 -.02130 -.04480 -.06741 -.05821 .155 13.566 .08708 35.19369 -.01392 -.03525 -.03008 -.04717 -.07074 -.06204 . 155 23.721 .03313 35.11761 -.02773 -.04868 -.04451 -.03688 -.06240 -.05393 . 154 32.670 .11344 35.08180 -.03737 -.05701 -.05364 -.03193 -.05752 -.04982 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 (PJF411) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC

.0000 IN.YC

190.7500 IN.ZC

DATE 06 JUL 76

LREF

BREF =

SCALE =

327.8000 IN.

2348.0000 IN.

.0400

YMRP

ZMRP

RUN NO. 411/ 0

PAGE 601

1.090

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-23.000

BETA

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.00000

.00000

ALPHAW =	4.213	RN/L	= 1.090
STAB =	-2.000	ELEVTR	
IORB =	3.000	ELEVON	
BDFLAP =	-11.700		

RUN NO.	411/ 0 RN/L =	.00 GRADIENT	INTERVAL = -5.00/	5.00		
MACH GP ALPHA .155 11.332 4.2131 .155 13.290 4.1895 .155 22.535 4.1591 .155 32.378 4.1280 .155 38.585 4.1091 .155 53.620 4.1069 GRADIENT .0000	9 35.19619 .0 3 35.16994 .0 9 35.154460 1 35.207510 3 35.243540 0 35.155090	1 CP2 1064501029 1004001581 160503164 160504255 160504385 160705158 16000 .00000	CP3 CP4001520305800826030170248502680036950121603945012160475501067	CP5 05799 05773 05506 04863 04117 03982	CP6 04451 04469 04150 03417 02734 02606	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K2.1TS7H15.6.1F10TS40165.3.5

(PJF412) ( 01 JUN 76 )

### REFERENCE DATA

## PARAMETRIC DATA

Spore Laboration Start Laboratory and the star	
	090
SCALE = .0400	000

	RUN NO. 412/ 0 RN/L = .00	GRADIENT INTERVAL	<b>= -5.00</b> / 5.0	<b>)</b> 0	
MACH GP .155 11.341 .154 12.496 .155 21.455 .155 37.311 .155 53.290 .154 63.604 GRADIENT	6.12132 35.0468500051 6.09117 35.1717201400 6.06824 35.2168803483 0 6.11816 35.1555104031 6.18393 35.0710604236	CP2 CP3010370034801272006920256602166046870436605204050650535905195 .00000 .00000	02496 00969 00795	CP5	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K2.1TS7H15.6.1F10TS40105.3.5

(PJF413) ( 01 JUN 76 )

### REFERENCE DATA

		RENCE DATA					PARAMETI	RIC DATA	
SREF	= 5500.0000		= 1339.9100			,	ALPHAW = 8.11	5 RN/L =	1.090
BREF			,,,,,	IN.YC		9	STAB = -2.00		-23.000
SCALE	.0400		130.7300	111.26			IORB = 3.000 BDFLAP = -11.700		.000
		RUN NO	4137 U D	N/1 - 00	65.515	•	DI LAF 11.700		

		MOIN INO.	413/ 0	RN/L = .00	GRADIENT	INTERVAL :	-5,00/	5.00		
MACH - 155 - 154 - 154 - 155 - 154 - 155	GP 11.340 14.014 21.438 37.135 52.442 73.818 GRADIENT	ALPHAW 8.11447 8.60315 8.06997 8.22849 8.22823 8.13720 .00000	0(PSF) 35.18320 34.91664 35.06340 35.14460 35.04161 35.22938	000260 00961 02302 04528 04768 04991	CP2 01212 01882 03247 05458 05733 05897 .00000	CP3 00578 01320 02905 05245 05643 05849 .00000	CP4 03649 03330 03036 01864 01764 01762 .00000	CP5062650591305747045640454104535	CP6 04883 04555 04222 02826 02747 02742 .00000	BETA .01000 .01000 .01000 .01000 .01000

PAGE 603 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (PJF414) ( 01 JUN 76 ) (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 10.239 RN/L ALPHAW = XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT. ELEVTR = -23.000 -2.000 STAB .0000 IN.YC YMRP . = LREF = 327.8000 IN. .000 ELEVON = 3.000 IORB ZMRP 190.7500 IN.ZC BREF = 2348.0000 IN. -11.700BDFLAP = .0400 SCALE = GRADIENT INTERVAL # -5.00/ 5.70 .00 RUN NO. 414/ 0 RN/L = BETA CP5 CP3 CP4 CP1 CP2 ALPHAW Q(PSF) MACH GP .01000 -.05294 -.06753 -.01760 -.04324 -.02262 -.01700 . 155 11.326 10.23944 35.20967 .01000 -.07083 -.05707 -.04708 -.02162 -.C2641 -.02104 10.21904 35.11561 12.734 .155 .01000 -.06082 -.04439 -.03622 -.04011 -.03705 -.04343 21.300 10.20472 35.09537 . 154 -.03993 .01000 -.05832 -.06003 -.03304 -.05502 -.06126 10.19531 35.22902 37.899 . 155 -.03562 .01000 -.06913 -.07129 .02992 -.05515 -.06923 -.0621852.950 10.18496 35.06307 .154 -.03795 .01000 -.03224 -.05750 -.07193-.06486 35.17179 .155 84.729 10.21143 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT (PJF415) ( 01 JUN 76 ) (CA-B) K2.1TS7H15.6.1F10TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA RN/L = ALPHAW = 12.206 XMRP = 1339.9100 IN.XC SREE 5500.0000 SQ.FT. -23.000 -2.000 ELEVTR = STAB = = .0000 IN.YC YMRP 327.8000 IN. .000 LREF ELEVON = 3.000 IORB ZMRP = 190.7500 IN.ZC 2348.0000 IN. BREF = -11.700BDFLAP = SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 415/ 0 RN/L = .00 CP5 CP6 BETA CP4 CP3 CPI CP2 Q(PSF) ALPHAW MACH .01000 -.07990 -.06395 -.05626 -.04987 -.04665 -.04607 35.08086 12.20620 . 154 20.168 -.05974 .01000 -.07545 -.05209 -.05413 -.05311-.05634 23.397 12.18492 35.06423 .154 .01000 -.04489 -.04120 -.06450 -.07409 -.06939 -.07399 12.17740 35.33426 , 155 39.532 -.05036 .01000 -.04736 -.06909 -.07889 -.08429 -.08395 12.24013 35.20438 54.939 . 155 .01000 -.09254 -.07642 -.05797

-.09161

.00000

-.08651

.00000

35.24272

.00000

12.23568

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97.268

GRADIENT

. 155

-.05544

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## (CA-8) K2.1TS7H15.6.1F20TS40165.3.5

(PJF416) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT.	XMRP = 1339,9100			[집 집[]] 하는 이 등 이 되었다.
LREF = 327,8000 IN.		IN.ÝC	ALPHAW = .239	RN/L = 1.090
BREF = 2348.0000 IN.	ZMRP = 190.7500		STAB = -2.000	ELEVTR = ~23.000
SCALE = .0400	2,110 - 190,7500		IORB = 3.000	ELEVON = .000
400 100 1111 11 11 11 11 11 11 11 11 11 1			BDFLAP = -11.700	

RUN NO. 416/ 0 RN/L = .0	0	GRADIENT	INTERVAL	= -!	5.00/	5.00
A, 51411						0.00

.155 11.279 .155 14.008 .154 23.829 .155 32.975 GRADIENT	ALPHAW Q(PSF) .23923 35.40068 .19339 35.18468 .14375 35.00444 .06346 35.38667 .00000 .00000	CP1 .00003 00298 02027 03126 .00000	CP2	CP4 04581 04810 04828 04022 .00000	CP5	BETA .00000 .00000 .00000
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## (CA-8) K2.1757H15.6.1F20TS401G5.3.5

(PJF417) ( 01 JUN 76 )

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 1	IN Un		
LREF = 327.8000 IN. YMRP = .0000 I		ALPHAW =	4.132 RN/L = 1.090
DDDD 3000 0000 1		STAB =	-2.000 ELEVTR = -23.000
SCALE = .0400 IN. ZMRP = 190.7500 I	N.ZC	IORB =	3.000 ELEVON = .000
하다 경우 바로 보는 점점 취취하는 모양하다는 경기는 기를 하고 하시다.	요즘 돌려 있는 사람들은 모습을 받는 그래요? 그 없다.	BDFLAP = -	11.700

RUN NU. 4177 0	RN/L = .00	GRADIENT	INTERVAL = -5.00/5.00

MACH GP ALPHAW Q(PSF) .154 11.331 4.13252 35.03232 .154 12.684 4.10310 35.03418 .154 21.885 4.08730 35.10467 .155 37.986 4.15130 35.14138 .155 52.971 4.15404 35.29272 GRADIENT .00000 .00000	CP1 CP2 .0073200998 .0023401389 0145603012 0307804634 0292004514 .00000 .00000	CP3 CP4 .00077027210045103018021090243803936015470398501257 .00000 .00000	CP5 CP60539604005760044053370380445602904172026	.00000 888 .00000 952 .00000 976 .00000
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## CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

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		REFERENCE	DATA		KE.1137#15.6	o.112015401(	35.3.5			(PJF418)	( 01 JUN 76 )
	= 550	0.0000 SO.FT		1339.9100					PAR	RAMETRIC DATA	
LREF BREF SCALE	= 32°	7.8000 IN. 3.0000 IN. .0400	YMRP ZMRP	.0000 190.7500	IN.YC IN.ZC			T2  01	AB ≖ - RB =	6.160 RN/L 2.000 ELEV 3.000 ELEV 1.700	TR = -23.000
	MACH			418/ 0 R	N/L = .00	GRADIEN	T INTERVAL	<b>=</b> -5.00/	5.00		
	MACH .155 .155 .155 .155 .155	GP 11.341 21.373 37.190 52.931 63.486 GRAD: TNT	ALPHAW 6.15989 6.04930 6.16467 6.18115 6.16235 .00000	Q(PSF) 35.21921 35.15909 35.43906 35.20736 35.25026 .00000	CP1 .00424 01313 03311 03853 04203 .00000	CP2 00843 02592 04532 05102 05391 .00000	CP3 .00019 01850 03989 04616 04957 .00000	CP4 02191 02521 01329 01653 01308 .00000	CP50505305374042270456204224 .00000	CP6 03533 03533 02557 02500 02585 .00000	BETA .00000 .00000 .00000 .00000 .00000
				(CA-8) k	(2.1TS7H15.6.	1F20T54016F	5.3.5				
		REFERENCE D	ATA							(PJF419) (	01 JUN 76 1 -
LREF	= 327 = 2348	.0000 SQ.FT. .8000 IN. .0000 IN. .0400	XMRP = YMRP = ZMRP =	1339,9100 .0000 190.7500	IN.YC			STAI 10Ri	HAW = 8 3 = -2 3	METRIC DATA 3.144 RN/L 3.000 ELEVT 3.000 ELEVO 3.700	= 1.090 R = -23.000 N = .000
			RUN NO. 4	19/ 0 RN	/L = .00	GRADIENT	INTERVAL :			.,,	
	MACH , 155 , 154 , 155 , 155 , 155 , 155	GP 11.340 11.634 21.096 37.040 52.648 73.732 GRADIENI	ALPHAW 8.14413 8.11931 8.10310 8.10250 8.21067 8.20019 .00000	0(PSF) 35.12170 35.10605 35.36610 35.12075 35.25920 35.25185 .00000	CP1 00306 00826 01875 04097 05317 05420 .00000	CP2 01195 01656 02791 04982 06188 06304 00000	CP3 00432 01023 02235 04667 05975 06077 .00000	CP4 03274 02822 02624 01846 01601 01942 .00000	CP5 06006 05560 05444 04808 04477 04841 .00000	CP6 04467 03889 03738 02945 02561 02897 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

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### (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF420) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

100 70, 200						and the second of the second of the	from the second			
SREF	= 5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC		ALPHAW =	10.094	RN/L =	1.090
LREF	= 327.8000	IN.	YMRP =	.0000	IN.YC		STAB =	-2.000	ELEVTR =	-23.000
BREF	= 2348.0000	IN.	ZMRP =	190.7500	IN.ZC		IORB =	3.000	ELEVON =	.000
SCALE	- ՈևՈՐ	y management of the second					DDELAD -	-11 700		

### RUN NO. 420/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	10.642	10.09378	35.31258	01604	02111	01506	04800	07393	05888	.00000
. 154	11.327	10.11173	34,96891	02077	02637	02104	03712	06332	04713	.00000
.155	19.292	10.09425	35.31163	03524	04053	03627	03831	06493	04757	.00000
. 155	36.209	10.14081	35.17068	05722	06301	06146	02611	05372	03310	.00000
. 155	51.301	10.25239	35.19638	06458	07073	06946	03062	05816	03730	.00000
. 155	82.859		35.20090	07338	07964	07889	03583	06317	04254	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K2.1T57H15.6.1F20T5401G5.3.5

(PJF421) ( 01 JUN 76 )

### REFERENCE DATA

A STATE OF THE STATE OF					
SREF =	5500.0000 SQ.FT.	XMRP = 1339.910	O IN.XC	ALPHAW = 18	2.106  RN/L = 1.090
	327.8000 IN.		O IN.YC	STAB = -	2.000 ELEVTR = $-23.000$
BREF =	2348.0000 IN.	ZMRP = 190.750	0 IN-7C	IORB =	3.000 ELEVON = .000

BREF = SCALE = .0400 BDFLAP = -11.700

### RUN NO. 421/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	20.310	12.10634	35.34919	04290	04568	04107	05741	08215	06529	.00000
. 155	23.619	12.08809	35.26942	05498	05748	05416	06101	08513	06840	.00000
. 155	39,768	12.21963	35.21379	07910	08279	09334	04350	06807	04746	.00000
.155	54.97	12.23093	35,46348	08486	08887	08923	04749	07106	05103	.00000
.154	97,408	12.28618	35.09438	08943	09417	09397	05377	07640	05686	.00000
	GRADIEN'	00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000



DATE 06 JUL 76	CA-8 - FORCE SOURCE DA	TA TABULATION				PAGE 607
	(CA-8) K2.	1TS7 F20TS40	)165.3.5		(PJF422) ( (	1 JUN 76 )
REFERENCE DA				PAF	RAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN YMRP = .0000 IN ZMRP = 190.7500 IN	.YC		ALPHAW = IORB = BDFLAP = -	.183 RN/L 3.000 ELEVON	1.090 000
	RUN NO. 422/ 0 RN/L	= .00 GRAD	IENT INTERVAL = -	-5.00/ 5.00		
MACH GP .154 11.278 .155 14.638 .154 24.699 GRADIENT		CP1 CP2 .0059501544 0083502886 024510443 .00000 .00000	00830 - 02275 - 703904 -	CP4 CP5 .0430606238 .0401406188 .0380706130 .00000 .00000	CP6 05303 05211 05232 .00000	BETA .00000 .00000 .00000
	(CA-8) K2.	1TS7 F20TS41	0165.3.5		(PJF423) (	01 JUN 76 )
REFERENCE D	ATA			PAI	RAMETRIC DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN YMRP = .0000 IN ZMRP = 190.7500 IN	I.YC		ALPHAW = IORB = BDFLAP = -	4.173 RN/L 3.000 ELEVON 11.700	= 1.090
HOUSE A	생일 가장 내 내용 하고 있다.					
	RUN NO. 423/ 0 RN/L	= .00 GRAD	IENT INTERVAL =	-5.00/ 5.00		

		REFERENCE	DATA	(CA-8)	K2.1TS7	F20T\$4011	35 <b>.3.</b> 5				PAGE 608
SREF	<b>=</b> 5500	0.0000 SQ.FT	XMRP	= 1339.9100					PA	RAMETRIC DATA	
LREF BREF SCALE	= 32°	7.8000 IN. 3.0000 IN. .0400		.0000	IN. YC			10	PHAW = DRB = DFLAP = -	6.153 RN/L 3.000 ELEVO	000 = 1.090 000 = 000
		4 11 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		4247 0 RI	V/L = .00	GRADIEN	IT INTERVAL	<b>-5.00</b> /	5.00		
	MACH -154 -155 -155 -155 -155 -155	GP 11.341 13.384 22.430 38.010 53.839 64.397 GRADIENT	ALPHAW 6.15316 6.12579 6.10138 6.07492 6.13843 6.20292 .00000	Q(PSF) 35.10037 35.21799 35.20392 35.15343 35.39678 35.37934 .00000	CP1 .00633 .00306 01148 03188 03626 04183 .00000	CP2 00646 01026 02471 04540 04972 05431 .00000	CP3 .00296 0058 01684 03888 04456 04967 .00000	CP4 03050 02872 02627 01636 01176 00953 .00000	CP5054990533105234043150385703660	CP6 04085 03885 03730 02669 02132 01907 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
		REFERENCE D		(CA-8) K	2.1757	F20TS401G	5.3.5			(PJF425) (	01 JUN 76 )
CDF-			AIA						PΔR	AMETRIC DATA	
	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	1339.9100 .0000 190.7500	IN YC			108	PHAW = RB =	8.284 RN/L 3.000 ELEVON	= 1.090 N = .000
			RUN NO. 4	125/ 0 RN	/L = .00	GRADIENT	INTERVAL =	-5,007	5.00		
	MACH .154 .155 .155 .155 .155	GP 11.339 13.261 22.989 38.801 54.345 75.418 GRADIENT	ALPHAW 8.28441 8.25490 8.14053 8.06937 8.16298 8.25072 .00000	0(PSF) 35.10982 35.23524 35.30192 35.20276 35.18814 35.28471 .00000	CP1 .00009 00073 01979 04145 04728 05573 .00000	CP2 -,01104 -,01207 -,03028 -,05217 -,05747 -,06638 -,00000	CP3 00084 00274 02263 04709 05323 06225 .00000	CP4 03502 03457 02950 01902 01655 01778 .00000	CP5059460594505565045710433404473	CP604430044150388502682024400250400000	BETA .00000 .00000 .00000 .00000 .00000

PAGE 609 CA-8 - FORCE SOURCE DATA TABULATION DATE OF JUL 75 (PJF426) ( 01 JUN 76 ) F20T5401G5.3.5 (CA-8) K2.1TS7 PARAMETRIC DATA REFERENCE DATA 1.090 ALPHAW = 10.235 RN/L XMRP 1339,9100 IN.XC SREF = 5500'.0000 SQ.FT. = 1 .000 3.000 ELEVON = IORB = .0000 IN.YC YMRP LREF = 327.8000 IN.BDFLAP = -11.700190.7500 IN.ZC BREF = 2348.0000 IN. ZMRP SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 426/ 0 RN/L = .00 BETA CP6 CP4 CP1 CP2 CP3 Q(PSF) ALPHAW MACH .00000 -.04452 -.06808 -.05234 -.01152 -.01276 -.02110 35.13576 .155 11.326 10.23531 -.07046 -.05439 .00000 -.04657 -.02609 -.01758-.01861 . 155 13.209 10.21731 35.34760 -.04664 .00000 -.03971 -.06391 -.03962 -.03220. 10.20618 35.17441 -.03187.155 21.910 -.05935 -.03987 .00000 -.05573 -.03420 35.21499 -.05339 -.06107 38.442 10.19334 . 155 .00000 -.03650 -.03150 -.05717 -.07092 -.06641 -.06321 35.47167 53.732 10.18871 . 155 -.03724 .00000 -.07847 -.03353 -.05896 -.08175 -.07383 35.34119 .155 85.384 10.21312 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 (PJF427) ( 01 JUN 76 ) F20T540165.3.5 (CA-8) K2.1TS7 PARAMETRIC DATA REFERENCE DATA RN/L 1.090 12.154 ALPHAW = XMRP 1,339,9100 IN.XC SREF = 5500.0000 SQ.FT. = ELEVON = .000 3.000 IORB = 327.8000 IN. YMRP = .0000 IN.YC LREF -11.700BDFLAP = ZMRP 190.7500 IN.ZC = BREF = 2348.0000 IN. SCALE = .0400 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 427/ 0 RN/L = .00BETA CP5 CP4 CPI CP2 CP3 ALPHAW Q(PSF) MACH .00000 -.07945 -.05271 -.04808 -.04001 -.05672 35.16642 -.04291 .155 20.367 12.15431 .00000 -.06067 -.05514 -.07799 -.04750 -.05333 -.04612 23.528 12.12787 35.07252 . 154 -.04484 -.06821 -.04659 .00000 -.08185 -.07822 -.07587 35.22179 . 155 39.638 12.16338 -.07553-.05602 .00000 -.05377 -.08450 -.08262 -.08814 55.177 12.19365 35.18448 . 155 -.07874 .00000 +.05725 -.09934 -.09693 -.05651

.00000

.00000

.00000

.00000

.00000

.00000

12.20972

.00000

97,462

GRADIENT

.155

35.45820

.00000

-.09346

## (CA-8) K2.1TS7H15.6.1F20TS40165.3.5

(PJF428) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC	ALPHAW =	.228 RN/L = 1 790
LREF = 327.8000 IN. YMRP = .0000 IN.YC		.000 ELEVIR = , 000
BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC		.000 ELEVON = .000
SCALE = .0400	BDFLAP = -11	

## RUN NO. 428/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 11.279 .22 .155 14.376 .19 .155 24.305 .13 .155 33.296 .06	PHAW Q(PSF) CP1 2810 35.2073800220 9971 35.2060300794 3383 35.3078502300 6375 35.3023003186 0000 .00000 .00000	CP2 CP3 0240101660 0292802564 0439703775 0515104686 .00000 .00000	0444206933 0381006508	305881 .00000 205530 .00000 305008 .00000
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## (CA-8) K2. [TS7H15.6. ]F20TS40165.3.5

(PJF429) ( 01 JUN 76 )

# REFERENCE DATA

### PARAMETRIC DATA

SF	REF =	5500.0000	SQ.FT.	XMRP	= 1339.9100	IN.XC		ALPHAW =	4.127	RN/L =	1.090
LF	REF =	327.8000	IN.	YMRP		IN.YC		STAB =		ELEVTR =	-000
		2348.0000		ZMRP :	= 190.7500	IN.ZC		IORB =	3.000	ELEVON =	.000
. 50	ALE =	.0400						BDFLAP =			

## RUN NO. 429/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

DATE 06 JUL	<sub>-</sub> 76	CA-8 - FORCE	SOURCE DATA TABULA	) (ON				PAGE 511
			(CA-8) K2.1TS7H15.6	.1F20TS401G5	5.3.5		(PJF430) (	01 JUN 76 )
	REFERENCE D	ATA				<b>P</b>	ARAMETRIC DATA	
LREF = 3	500.0000 SQ.FT. 327.8000 IN. 348.0000 IN. .0400	YMRP =	39.9100 IN.XC .0000 IN.YC 90.7500 IN.ZC			STAB = IORB =	6.124 RN/L -6.000 ELEVTR 3.000 ELEVON -11.700	
		RUN NO. 430/	0 RN/L = .00	GRADIENT	INTERVAL	= -5.00/ 5.00		
MACH .15 .15 .15 .15	54 11.341 55 12.653 54 21.650 55 37.601 55 53.336	6.12414 35 6.10221 35 6.08996 35 6.09494 35 6.26792 35 6.21252 35	1(PSF) CPI 0564900218 1675700189 0326702121 2200903624 2865004239 2172704552 00000 .00000	CP2 00972 00893 02884 04345 04903 05237 .00000	CP3 00699 00702 02846 04428 05144 05495 .00000	CP4 CP5028750595'024710554'01856050390135504583'0109904286'0110704296'00000 .00000	04070 03455 02946 02660 02618	BETA .00000 .00000 .00000 .00000 .00000
			CA-8) K2.[T57H15.6.	1F20T5401G <b>5</b>	.3.5		(PJF431) (	01 JUN 76 )
	REFERENCE D					P/	RAMETRIC DATA	
LREF = 3	00.0000 SQ.FT. 27.8000 IN. 48.0000 IN. .0400	YMRP =	39.9100 IN.XC .0000 IN.YC 30.7500 IN.ZC			ALPHAW = STAB = IORB = BDFLAP = -	8.118 RN/L -6.000 ELEVTR 3.000 ELEVON	
		RUN NO. 431/	0 RN/L = .00	GRADIENT	INTERVAL	= -5.00/ 5.00		
MACH - 15 - 15 - 15 - 15 - 15	4 11.340 5 12.013 4 20.136 5 34.186 4 52.856	8.11780 35. 8.10084 35. 8.09608 35. 8.08793 35. 8.17363 35. 8.17815 35.	1(PSF) CPI 0976400747 2076100874 1041802103 4581304450 0251604943 1706905863 00000 .00000	CP2 01013 01118 02438 04733 05232 06141 .00000	CP3009450121902552051460570106751	CP4 CP5029130590203009059510277905840019800507801905050100149904653	04512 04336 03580 03196 02785	BETA .00000 .00000 .00000 .00000 .00000 .00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

## (CA-8) K2.1757H15.6.1F20TS401G5.3.5

(PJF432) ( 01 JUN 76 )

REFERENCE DAT	Δ٦	

### PARAMETRIC DATA

REFERENCE D	ATA		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.126 RN/L = 1.090 STAB = -6.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 432/ 0 RN/L = .00	GRADIENT INTERVAL = -	5.00/ 5.00
MACH GP .154 11.327 .154 12.102 .155 20.910 .154 37.317 .155 52.769 .155 84.372 GRADIENT	10.10874 34.8948202032 10.20560 35.3765903902 10.20902 34.9579705893 10.21087 35.2148506643	01959020741 01955021411 03837041511 05799064061 06657072831 07485081841	P4
	(CA-8) K2.1T57H15.6.1	F20T5401G5.3.5	(PUF433) ( 01 JUN 76 )
REFERENCE D	ATA	하는 이 보이지 못하는 말로 되는 일보다 기능이다. 기술 원리 기업	PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.127 RN/L = 1.090 STAB = -6.000 ELEVTR = .000 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700
	RUN NO. 433/ 0 RN/L = .00	GRADIENT INTERVAL = -	5.00/ 5.00

RON NO.	4337 U 100	OHNDIENT THEETONE	0.00, 0.00	
MACH GP ALPHAW .154 20.349 12.12685 .154 23.680 12.10462 .154 39.788 12.20884	Q(PSF) CP1 34.9422904978 35.0502005574 35.0763008198	CP2 CP3 0462305036 0526905695 0795208703	CP4 CP5051790787705133077810460607334	CP6 BETA 05380 .00000 0520 .00000 05454 .00000
.155 55.123 12.22583 .155 97.454 12.23874 GRADIENT .00000	35.2963409188 35.1371309698 .00000 .00000	0893909818 0944810292 .00000 .00000	0451407113 0527607892 .00000 .00000	05204 .00000 06009 .00000 .00000 .00000

PAGE 613 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (PJF434) ( 01 JUN 76 ) (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA RN/L = 1.090 ALPHAW = .213 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC STAB = -4.000 ELEVTR = .000 YMRP = .0000 IN.YC 327.8000 IN. .000 3.000 ELEVON = IORB ZMRP BREF # 2348.0000 IN. 190.7500 IN.ZC BDFLAP = -11.700.0400 SCALE = GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 434/ 0 RN/L = BETA 226 CP5 CP6 CPI CP2 ALPHAW Q(PSF) MACH -.33958 -.05915 .00000 -.01227 -.03034 -.06624 -.01849 . 155 11.278 .21300 35.23829 -.23944 -.06670 -.05950 .00000 -.03381 14.081 .16551 35.31338 -.01469 -.02160 . 155 - 024139 - 05426 - 00000 -.06903 -.06284 .00000 -.02291 -.03031 -.04247 24.069 .11862 35.13260 . 155 -.04975 -.06211 -.05372 -.04775 .00000 -.04357 33.072 .07137 35.04057 . 154 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 (PJF435) ( 01 JUN 76 ) (CA-8) K2.1157H15.6.1F20T5401G5.3.5 PARAMETRIC DATA REFERENCE DATA ALPHAW = 1.090 SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC 4.217 RN/L = -4.000 .000 STAB = ELEVTR = LREF 327.8000 IN. YMRP = .0000 IN.YC ELEVON = .000 = 3.000 ZMRP = 190.7500 IN.ZC IORB BREF = 2348.0000 IN. BDFLAP = -11.700.0400 SCALE = RUN NO. 435/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 CP6 CP3 Cbr. CP5 BETA GP ALPHAW Q(PSF) CPI CP2 MACH -.22438 -.04196 .00000 -.00258 -.00977-.05199 . 154 11.332 4.21683 35.08814 .00011 -.01156 -.02780 -.05553 -.04494 .00000 4.19776 35.09063 -.00171 -.00511

-.02437

-.03926

-.04524

.00000

-.02182

-.03694

-.04283

.00000

-.2:959

-.10752

- 20537

30000

-.03249

-.04852 -.05384

.00000

-.04910

-.03800

-.03639

.00000

-.03746

-.02545

-.02351

.00000

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.00000

.00000

.00000

.154

. 154

. 155

.155

14.085

22.445

38.808

53.856

GRADIENT

4.17572

4.13416

4.17226

.00000

35.11225

35.13028

35.23678

SCALE = .0400

### CA-B - FORCE SOURCE DATA TABULATION

### (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF436) ( 01 JUN 76 )

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### SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

ALPHAW = 6.243 RN/L = 1.090 STAB = -4.000 ELEVTR = .000 10RB = 3.000 ELEVON = .000

PARAMETRIC DATA

BDFLAP = -11.700

<ul> <li>— 1</li></ul>				
PIN NO	435/ n	RNII = 00	GRADIENT INTERVAL	= -5.00/ 5.00
1,1011	,,,,,,,	11111 - 100	Olivio Leivi Civi Civi	0,00, 0,00

MACH GP	ALPHAW Q(PSF)	CP1 CP2	CP3	CP4 CP5	CP6	BETA
.155 11.341	6.24261 35.28259	.0004400084	00466	0315505851	04800	.00000
.155 13.408	6.21909 35.31244	0092901041	01514	0224605091	03853	.00000
.154 22.425	6.20203 35.06944	0210402236	02827	05312	04025	.00000
.154 38.079	6.17649 35.11888	0413604249	05055	0098203910	02514	.00000
.155 53.895	6.14776 35.31670	0465204715	05547	0105003945	02526	.00000
.155 64.383	6.10669 35.31395	0487104967	05803	0098303938	02549	.00000
GRADIENT	.00000 .00000	.00000 .00000	.00000	.00000 .00000	.00000	.00000

(CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF437) ( 01 JUN 76 )

## REFERENCE DATA

化氯化甲基乙基甲基乙基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲		
SREF = 5500.0000	SQ.FT. XMRP =	1339.9100 IN.XC
LREF = 327.8000	IN. YMRP =	.0000 IN.YC
BRFF = 2348.0000	IN. ZMRP =	190.7500 IN.ZC

PAI	KANTE	. 10	LIC L	JAIA	

ALPHAN	= 1	8.082	RN/L	= .	1.090
STAB	=	-4.000	ELEVTR	= ,	.000
IORB	=	3.000	ELEVON	=	.000
BDFLAP	= , , , , ,	-11,700			

RUN NO. 437/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP .	ALPHAW	Q(PSF)	CP1	CPZ	CP3	CP4	CP5	CP6	BETA
. 155	11.340	8.08170	35.14523	00764	00688	01036	03587	06280	05115	.00000
, 155	11.675	8.06441	35.14476	00842	00688	01113	03223	05909	04684	.00000
. 154	21.225	8.05293	35.08761	02585	02486	03027	02918	05673	04345	.00000
. 154	37.115	8.11709	34.94775	05166	05087	05886	01755	04642	03100	.00000
. 155	52.724	8.14105	35,43691	05756	05647	06472	01713	04588	02931	.00000
. 155	73.808	8.15487	35.29323	06317	06180	07149	01587	04565	02816	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PAGE 615

## (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF438) ( DI JUN 76 )

## REFERENCE DATA

	SREF	≈ 5!	500.0000	SO FT	XMRP	= 1330 0		_ 4.0			FARAME IRIC	UATA	
	LREF		327.8000		YMRP		100 IN.X			ALPHAW =	10.091	RN/L =	
	BREF	<b>-</b> 5:	348.0000				000 IN.Y			STAB =	-4.000	ELEVTR =	1.090
Ü	SCALE	=	.0400		~, " \ \	- 190.7	500 IN.Z			IORB =		ELEVIR =	.000
										RDFLAP =	-11 700	CLEVOIA =	.000

1 KUN NU. 438/ D	RN/i≕ nn	COADIENT	TAITEDIGAL	·	
RUN NU. 438/ 0 F		ORADIENI	INTERVAL =	-5.00/	5.00

MACII							5.00		
MACH , 154 , 155 , 155 , 155 , 155 , 154 GF	11.328 10.1 12.216 10.0 20.963 10.0 37.419 10.52.629 10.2 84.343 10.1	PHAW 0(PSF) 09107 35.01562 096861 35.06011 07553 35.23842 13835 35.15335 22534 35.56692 19912 35.12378 00000 .00000	CP1 02028 02264 03898 06543 07062 07983 00000	CP2 01687 01843 03540 06236 06773 07711	CP3 02014 02244 04038 07055 07556 08567 .00000	CP4 04227 04013 04003 02728 03112 03370 .00000	CP5 06811 06654 06655 05476 05869 06069	CP6 05526 05362 05173 03695 03967 04184 .00000	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K2.1TS7H15.6.1F20TS40105.3.5

(PJF439) ( 01 JUN 76 )

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 1			P/	ARAMETRIC DATA	
LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP SCALE = .0400	= .0000 I	IN.YC	ST IC	PHAW = AB = DRB = DFLAP = -	12.115 RN/L -4.000 ELEVTR 3.000 ELEVON	

# RUN NO. 439/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 .154 .154 .154 .155	20.367 23.558 39.754 55.215 97.487	ALPHAW 12.11553 12.10296 12.10096 12.11834 12.27753	Q(PSF) 35.16995 35.11436 34.76601 35.06696 35.40459	CP1 05629 05432 08056 08524 09875	CP2 04991 04957 07533 08093 09474	CP3 05588 05435 08349 08908	CP4 04854 05367 04627 04517	CP5 07326 07927 07172 06979	CP6 05840 06468 05411 05227	BETA .00000 .00000 .00000
G	RADIENT	.00000	.00000	09875 .00000	09474	10331 .00000	05461 .00000	~.07833 .00000	05227 06052 .00000	00000

### (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF440) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

		ENIC		
			Δ٦	

1.090 ALPHAW = .293 RN/L = SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC -2.000 ELEVTR = .000 STAB = LREF = 327.8000 IN. YMRP = .0000 IN.YC 3.000 ELEVON = .000 IORB = BREF = 2348.0000 1N. ZMRP = 190.7500 IN.ZC -11.700 BDFLAP = SCALE = .0400

# RUN NO, 440/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.280	.29307	35.32663	00850	01177	02539	04144	06598	05917	.00000
.155	14.321	.24380	35,21813	01612	02011	03376	04575	07130	06458	.00000
. 154	24.555	.18571	35.06283	03454	03845	05204	03265	06011	05408	.00000
. 154	33.476	.11247	34.95157	04548	04970	06252	02920	05769	05125	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF441) ( 01 JUN 76 )

### REFERENCE DATA

ALPHAW = 1.090 4.248 RN/L = SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC -2.000 ELEVTR = .000 STAB = LREF = 327.8000 IN. YMRP = .0000 IN.YC 3.000 ELEVON = .000 IORB = BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZCBDFLAP = -11.700SCALE = .0400

# RUN NO. 441/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP ALPHAW	Q(PSF) CP1	CP2	CP3 CP4	CP5	CP6 BETA .00000
. 155	11.332 4.24756 13.650 4.22809	35.2497700269 35.1829200897	157720	0112402866 0174702515	05511 05261	04492 .00000 04225 .00000
.154	22.861 4.20266	34.9398402013		0298001915	04681	03629 .00000
. 155	38.863 4.15972	35.3062504010		0499400757 0559400896	03631 03851	02511 .00000 02646 .00000
. 155	53.912 4.07949 GRADIENT .00000	35.2738404538 .00000 .00000		.00000 .00000	.00000	.00000 .00000

<del>(</del> -

DATE 06 JUL 76

74.385

GRADIENT

8.20774

.00000

35.13221

.00000

-.06342

.00000

.155

CA-8 - FORCE SOURCE DATA TABULATION

(PJF442) ( 01 JUN 76 )

-.04652

.00000

-.02945

.00000

.00000

.00000

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### (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5 REFERENCE DATA PARAMETRIC DATA 1.090 ALPHAW = SREF = 5500.0000 SQ.FT.XMRP = 1339.9100 IN.XC6.218 RN/L LREF 327.8000 IN. YMRP .0000 IN.YC STAB -2.000 ELEVTR = .000 ZMRP = BREF = 2348.0000 IN. ELEVON = 190.7500 IN.ZC TORB 3.000 .000 SCALE = .0400 BDFLAP = -11.700RUN NO. 442/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 CP4 CP5 CP6 BETA MACH ALPHAW Q(PSF) CPI CP2 CP3 . 154 11.341 6.21790 35.01349 -.00217 -.00170 -.00700 -.02814 -.05523 -.04433 .00000 -.02883 -.05515 -.04456 .00000 -.00359 .154 13.095 6.19997 35.01328 -.00332 -.00879 . 155 -.03837 22.216 6.17884 35.22566 -.02083 -.01965 -.02680 -.02261 -.05030 .00000 -.04512 -.03212 .00000 .155 38.050 6.15446 35.12815 -.04009 -.03926 -.04736 -.01753 . 155 53.880 6.11999 35.34812 -.04750 -.04663 -.05565 -.00866 -.03695 -.02314 .00000 .155 64.312 6.11818 35.34169 -.04970 -.04915 -.05743 -.00934 -.03749 -.02376 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 .00000 (PJF443) ( 01 JUN 76 ) (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5 REFERENCE DATA PARAMETRIC DATA 5500.0000 SQ.FT. 1.090 XMRP = 1339.9100 IN.XC ALPHAW = 8.128 RN/L = ELEVTR = STAB 327.8000 IN. YMRP = .0000 IN.YC -2.000 .000 BREF 2348.0000 IN. ZMRP = 190.7500 IN.ZC IORB 3.000 ELEVON = .000 SCAL 2 = .0400 BDFLAP = -11.700RUN NO. 443/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAM Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6 BETA .155 11.340 8.12768 35.29059 -.00419 -.00129 -.00458 -.03696 -.06327 -.05221 .00000 . 155 12.376 8.10896 -.03520 -.06118 35.14460 -,00354 -.00116 -.00439 -.05021 .00000 -.05859 . 154 21.953 8.06411 35.08823 -.02743 -.02532 -.03026 -.03146 -.04541 .00000 .155 37.714 -.04891 -.04828 -.03266 .00000 8.09037 35.13951 -.04634 -.05370 -.02002 52.882 -.02951 .155 8.16170 35.25813 -.05631 -.05366 -.06168 -.01737-.04570 .00000

-.06127

.00000

-.06991

.00000

-.01845

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## CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K2.1TS7H15.6.1F20TS40105.3.5

(PJF444) ( 01 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 5500.0000 SQ.FT, XMRP =	1339.9100 IN.	.xc		ALPHAW =	10.224	RN/L =	1.090
LREF = 327.8000 IN. YMRP =	.0000 IN.		지수 보통 그렇게 되었다.	STAB =		ELEVTR =	.000
BREF = 2348.0000 IN. ZMRP =	190.7500 IN.	ZC		IORB =	3.000	ELEVON =	.000
SCALE = .0400				BDFLAP =	-11.700		

		RUN NO.	44'// O R	:N/L = .0	O GRADIEN	NT INTERVAL	= -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 154	11.326	10.22377	35.04679	02288	01776	02113	04266	06742	05584	.00000
. 154	13.045	10.21541	35.09166	02168	01794	01993	04279	06771	05460	.00000
. 154	21.658	10.20212	35.10157	03799	03310	- 03638	- 04691	07296	05944	.00000
.155	38.271	10.20623	35.23033	06806	06355	07171	02489	05168	03375	.00000
. 155	53.512	10.20127	35.18898	07112	06732	07513	-,03131	- 05809	04028	.00000
 . 154	85.186	10,31331	35.08683	07990	-,07607	- 08461	03354	06069	04188	.00000
14 THE RES	GRADIENT	.00000	.00000	nnnnn	որորո	nnnnn	იიიიი	nnnnn	00000	nnnnn

## (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(PJF445) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100	IN.XC	ALPHAW = 12.120 RN/L = 1.090
LREF = 327,8000 IN. YMRP = .0000		STAB = -2.000 ELEVTR = .000
BREF = 2348.0000 IN. ZMRP = 190.7500	IN.ZC	IORB = 3.000 ELEVON = .000
SCALE =		BDFLAP = -11.700

## RUN NO. 445/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2	CP3	СРЧ	CP5	СРБ	BETA
.154 20.375 12.11978	34.9496705033	04414	04817	05703	08163	06749	.00000
.155 23.668 12.11121	35.2668306064	05451	05895	05535	08036	06583	.00000
.154 39.658 12.21404	34.9394908647	08037	08919	04498	06961	05103	.00000
.154 55.162 12.22818	34.9827409333	08670	09593	04672	07138	05278	.00000
.154 97.470 12.28852	35.0976210079	09599	10475	.10283	07778	06031	.00000
GRADIENT .00000	.00000	,00000	.00000	.00000	.00000	.00000	.00000

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(CA-8)	K2	1TS7H15.	6 1570	TCUAL	GE Z	5
ICH OI	VC *	LID/HID.	. D. IT SL	J 1 5 4 U 1	UD.5.	Э

# (PJF446) ( 01 JUN 76 )

PARAMETRIC DATA

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RE!	 14 F D	ICE :	110	Δ

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	ALPHAW = .219 RN/L = 1.090
LREF = 327.8000 IN. YMRP BREF = 2348.0000 IN. ZMRP	= .0000 IN.YC	STAB = -2.000 ELEVTR = .000
SCALE = .0400	= 190.7500 [N.ZC	10RB = 3.000 ELEVON = .000 BDFLAP = -11 700

	RUN NO. 446/	0 RN/L = .00	GRADIENT INTERVAL	5.00/	5.00		
MACH GP .155 11.278 .154 14.000 .155 24.041 .155 32.978 GRADIENT	.21902 35 .18012 3- .14107 35	O(PSF)         CP1           .22037         .01336           .82820         .00782           .42494        00833           .42490        02716           .00000         .00000	CP2 CP3 00593 .00142 0120400553 0271802093 0449203946 .00000 .00000	CP4 03894 03950 03228 02869 .00000	CP5 06358 06542 05995 05766 .00000	CP6 05011 05244 04758 04493 .00000	BETA .00000 .00000 .00000 .00000

## (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

## (PJF447) ( 01 JUN 76 )

## REFERENCE DATA

SREF =	5500.0000	SQ.FT.	XMRP :	= 1339.	9100	IN XC	
LREF =	327.8000	IN.				IN.YC	
BREF =	2348.0000	IN.	ZMRP :			IN.ZC	
SCALE =	ՈԱՈՐ						

ALPHAW	=	4.139	RN/L =	1.090
STAB	=	-2.000	ELEVTR =	.000
IORB	=	3.000	ELEVON =	.000
BDFLAP	= 1 1	-11.700		

PARAMETRIC DATA

## RUN NO. 447/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2	CP3 CP4	CP5	CP6 BETA	Δ
.155 11.331 4.13883	35.26193 .01561	.00279	.0106302298	05146		000
.155 12.925 4.12932	35.26395 .01200	00041	.0059102481	05347		000
.155 22.348 4.14871	35.2320600762	01875	0134301356	04289		000
.154 38.314 4.09459	35.1346102518	03676	0327100825	03933	02238 .00	000
.155 53.311 4.15424	35.3506203839	04940	0474900464	03604	01838 .000	000
GRADIENT .00000	.00000 .00000	.00000	.00000 .00000	.00000	.00000 .000	000

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(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(PJF448) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000	50.FT. XMRP = 1339.910	O IN.XC	
LREF = 327.8000	IN. $YMRP = .000$	O IN.YC	
BREF = 2348.0000	IN. ZMRP = 190.750	O IN.ZC	
SCALE = .0400	그 그리고 말하고 그 그리고 말하는데 하다.		

1.090 ALPHAW = 6.120 RN/L = -2.000 ELEVTR = .000 STAB = ELEVON = .000 IORB =

PARAMETRIC DATA

BDFLAP = -11.700

RUN	NO. 448	37 0 RN	I/L =	.00	GRADIENT	INTERVAL =	-5.0	07.	5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 154	11.341	6.12036	34.97448	.00774	00104	.00427	02112	04931	03374	.00000
. 155	12.532	6.10643	35.17394	.00126	00618	00276	01789	04644	03052	.00000
. 155	21.687	6.10749	35.23205	01171	01898	01551	01650	04543	02930	.00000
. 154	37.528	6.10348	35.08103	03412	04098	03960	00922	03956	02226	.00000
. 155	53.296	6.23568	35.31035	03921	04697	04640	01215	04248	02502	.00000
. 155	63.687	6.21277	35.28783	04645	05341	05392	00856	03912	02129	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(PJF449) ( 01 JUN 76 )

### REFERENCE DATA

SREF	* 5500.0000	SQ.FT.	XMRP	= 1339.	9100	IN.XC
LREF	= 327.8000	IN.	YMRP	<b>~</b> .	0000	IN.YC
BREF	<b>2348.0000</b>	IN.	ZMRP	= 190.	7500	IN.ZC
SCALE	0400					

## PARAMETRIC DATA

ALPHAW =	8,179	RN/L =	1.090
STAB =	-2.000	ELEVTR =	.000
IORB =	3.000	ELEVON =	.000
DOC! AD			

RUN NO. 449/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.340	8.17887	35.33843	00240	00673	00356	02466	605256	03710	.00000
.155	12.309	8.16444	35.43188	00257	00734	00407	02700	005447	03950	.00000
. 155	20.718	8.18491	35.47253	01669	02187	01835	02428	05242	03604	.00000
. 154	37.776	8.18045	35.02378	04459	04868	04917	01454	04422	02559	.00000
.155	53.257	8.17976	35.18359	05159	05615	05751	01517		02674	.00000
. 155	74.409	8.23758	35.55089	05863	06329	06496	01549		02581	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(PJF450) ( 01 JUN 76 )

## REFERENCE DATA

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SREF * 5500.0000 SQ.FT. XMRP	= 1339.9100	I IN.XC		ALPHAW =	10.056	RN/L =	1,090
LREF = 327.8000 IN. YMRP	= .0000	IN.YC		STAB =	-2.000	ELEVTR =	.000
BREF = 2348.0000 IN. ZMRP	= 190.7500	IN.ZC		IORB =	3.000	ELEVON =	.000
SCALE # .0400				RDF! AP =	-11 700		

### RUN NO. 450/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW Q(PSF)	CP1 CF	P2 CP3	CP4 CF	P5 CP6	BETA
.155 11.328	10.05627 35.32913	008670	108300741	038230	0648805036	.00000
.155 11.846	10.04125 35.35692	013840	0146801210	037050	0635204807	.00000
.155 20.625	10.16063 35.28476	030780	0328303075	030230	571304081	.00000
.154 37,170	10.17173 34.89487	06242(	0646406639	026150	1543903419	.00000
.155 52.403	10.18837 35.39628	068160	0713907289	030120	1583303788	.00000
.155 84.110	10.27603 35,30043	079220	0819208461	035950	0630604219	.00000
GRADIENT	.00000 .00000	.00000 .0	00000. 00000	.00000	.00000	.00000

(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(PJF451) ( 01 JUN 76 )

### REFERENCE DATA

## SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0060 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

## PARAMETRIC DATA

PARAMETRIC DATA

	ALPHAW =	12.196	RN/L =	1.090
	STAB =	-2.000	ELEVTR =	.000
4.1	IORB =	3.000	ELEVON =	.000
	BDFLAP =	-11.700		

## RUN NO. 451/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2 CP3	CP4 CP5	CP6	BETA
.155 20.611 12.19570	35.2019504682	0468604460	05413079	7406344	.00000
.155 23.867 12.18652	35.1982805602	0555805560	04372069	5705147	.00000
.154 39.945 12.22354	35.0164708447	0847708759	04484068	6704833	.00000
.155 55.368 12.25008	35.2602808960	0909109289	05114075	0805520	.00000
.155 97.730 12.34298	35.2226510250	1042910714	06076084	5906487	.00000
GRADIENT .00000	.00000 .00000	.00000 .00000	.0000 .000	00000	.00000

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# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

## (CA-B) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF452) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

REFERENCE DATA				
경우 하면 그리고 되었다. 그렇게 하나는 그렇게 그렇게 되었다.			ALPHAW = .270	RN/L = 1.090
SEER - SEAR ROOM ON ET YMRP #	1339.9100 IN.XC		n_, ,,,,,,,	ELEVIR = .000
SREF = 5500.0000 SQ.FT. XMRP =	1333.3100 111.70		STAB = -2.000	LLL 1 111
	.0000 IN.YC	그렇게 먹는 사람들은 사람들이 가장 그림이 없다.	IORB = 6.000	ELEVON = .000
LKET - 50000 1111	190.7500 IN.ZC			
BREF = 2348.0000 IN. ZMRP =	190.7000 114.20		BDFLAP = -11.700	
			<b>33. 3</b>	
COMP = B480				

# RUN NO. 1:52/ 0 RN/L = .00 GRADIENT INTERVAL # -5.00/ 5.00

MACH GP ALPHAW Q(PSF) CP1 .155 11.279 .27032 35.3023000058 .155 14.487 .19439 75.2552400732 .155 24.477 .15197 35.1730502290 .00000 .00000	20278402043 50428403622	3045670706005064 044720705605964	BETA .00000 .00000 .00000
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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF453) ( 01 JUN 76 )

### REFERENCE DATA

	THE REPORT OF THE PROPERTY OF		111 40		ALPHAW =	 RN/L =	1.090
SREF =	5500.0000 SQ.FT. XMRP 327.8000 IN. YMRP	= 1339.9100 = .0000	IN. YC		STAB =	ELEVIR = ELEVON =	.000
BREF =	2348.0000 IN. ZMRP	= 190.7500	IN.ZC		BDFLAP = -		
SCALE =	.0400			29			

# RUN NO. 453/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH .155 .155 .154 .154 .155	GP 11.332 13.481 22.609 38.800 53.796 GRADIENT	ALPHAW 4.21713 4.19958 4.17971 4.12597 4.10328 .00000	Q(PSF) 35.25819 35.16312 35.11141 34.92671 35.54198 .00000	CP1 .00108 .00434 01708 03710 04208 .00000	CP2 00954 00620 02667 04722 05170 .00000	CP3 00521 00284 02473 04611 05170 .00000	CP4 02933 02973 02278 01346 01069 .00600	CP5 05918 05960 05405 04505 04220	CP6 04506 04548 03942 02952 02637 .00000	BETA .00000 .00000 .00000 .00000 .00000
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$f \cap A =$	.0.	127 1	*				
LCM-	01.	K3.	15/H15	S.	15 DOTCI	101G5.3.	-
					** #**	10105.S.	_

(PJF454) ( 01 JUN 76 )

REF	ERE.	NCE	DATA

SREF = 5500.0000 SQ.FT. XMRP =	1339.9100 IN.XC	FAR	AMETRIC DATA	
BREF = 2348.0000 IN 7MRP =	.0000 IN.YC		6.212  RN/L = 1.090	D
SCALE = .0470 211KF =	190.7500 IN.ZC	1000	2.000	
RUN NO. 45	547 O RNV - 00			J

MACH GP	ALPHAW OURSEL OF	ORADIENI INTERVAL	-5.00/ 5.00	
.155 11.341 .155 12.992 .154 21.939 .154 38.004 .155 53.742 .155 64.114 GRADIENT	6.21228 35.39704 .0 6.19047 35.29481 .0 6.17718 35.029220 6.17538 35.122480 6.11106 35.284420	P1	CP4 CP5029090504602882051100258604853012310360801416037340105603412	CP6 BETA03564 .0000003550 .0000003220 .0000001824 .0000001997 .0000001654 .00000

# (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF455) ( 01 JUN 76 )

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## REFERENCE DATA

SREF = 5500.	0000 SQ.FT. XMRP	= 1339.9100	ì in ∨c		PARAMETRIC	DATA
BREF = 2348.1	3000 IN. YMRP 3000 IN. ZMRP	' = .000c	IN.YC	ALPHAW STAR	2.103	RN/L =
	1400	= 190.7500	I IN.ZC	IORB	= -2.000 = 6.000	ELEVTR = ELEVON =
	Burn vo			BDFLAP :	-11.700	

	RUN NO. 4				<b>-</b>	UFLAP =	-11.700	
MACH GP		155/ 0 RN/L	= .00	GRADIENT INTER	VAL = -5.00/	5.00		
.155	8.14598	35.27220	.00101 01792 03871 04314	CP2 CP300844 .002601071 .C00702966C19605066C43605526C436061400559	7703757 3303080 2002165 1802023 3101943	05865 05281 04467 04339	04280 03527 02529 02340 02148	BETA .00000 .00000 .00000 .00000

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## (CA-B) K3.1TS7H15.6.1F20TS40165.3.5

(PJF456) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

				F.			

SREF = 5500.0000 SQ.F1 LREF = 327.8000 IN. BREF = 2348.0000 IN.	T. XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = 10.141 STAB = -2.000 10RB = 6.000 BDFLAP = -11.700	RN/L = 1.090 ELEVTR = .000 ELEVON = .000
CONT DAND			

RUN NO. 456/ 0 RN/L =	nn GRADIENT	INTERVAL =	-5.00/	5.00
KON NO. 4307 0 MALE				

MACH .154 .154 .155 .155 .155	GP ALPHA 11.327 10.1413 12.345 10.1246 21.079 10.1261 37.630 10.2094 52.805 10.2089 84.474 10.2247	0 35.04069 8 35.05238 4 35.11265 6 35.18830 5 35.31656 8 35.21570	CPI CP2006920100984010294703054750606282070691807	61600388 82100792 83602954 38805787 24706650	04721 04211 03199 03154 03422	CP5067660664806280052610523105519 .00000	CP6 05294 05112 04507 03222 03056 03369 .00000	DETA .00000 .00000 .00000 .00000 .00000
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(CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF457) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SO.FT. XMRP = LREF = 327.8000 IN. YMRP = BREF = 2348.0000 IN. ZMRP =	.0000 IN.YC	ALPHAW = STAB = IORB = BDFLAP =	12.130 RN/L = -2.000 ELEVTR = 6.000 ELEVON = -11.700	1.090 .000 .000
SC4LE = .0400				

and the second of the second o	4				
		and the second s	The second services of the second sec	= 00/ 5.00	
	_	00	GRADIENI INTERVAL =		٠,
DUN NO 457/	11	RN/I = .UU	GRADIENT INTERVAL =		

MACH .154 .154 .155 .154	GP 20.395 23.576 39.955 65.825 97.483 GRADIENT	ALPHAW 12.12964 12.11316 12.12597 12.27509 12.27655 .00000	Q(PSF) CP1 35.0984304235 35.0828904843 35.3819007517 34.9948408634 35.2610409134 .00000 .00000	CP2 04937 05630 08366 09518 10047 .00000	CP3 03987 04703 07783 08982 09496 .00000	CP4 05530 05079 04721 04966 05790	CP5 07335 06905 06540 06770 07491	CP6 05592 05100 04406 04623 05419 .00000	BETA .00000 .00000 .00000 .00000 .00000
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DATE 06 JUL 76	CA-B - FORCE SOURCE DATA TABULATION	PAGE 625
	(CA-8) K3.1TS7H15.6.1F20TS40:G5.	3.5 (PJF458) ( 01 JUN 76 )
REFERE	CE DATA	PARAMETRIC DATA
SREF = 5500.0000 S LREF = 327.8000 I BREF = 2348.0000 I SCALE = .0400	I. YMRP = .0000 IN.YC	ALPHAW = .205 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 ORB = 6.000 ELEVON = -5.000 SDFLAP = -11.700
함께 내용한 없었다.	RUN NO. 458/ 0 RN/L = .00 GRADIENT	INTERVAL = +500/ 5.00
MACH GP .155 11. .155 13. .154 22. .154 32. GRADI	30 .17110 35.279560125003214 944 .12140 35.045820271304675 988 .06516 35.115550386105717	CP3         CP5         CP6         BETA          01758        0410        07210        06149         .00000          02667        54.22        06523        05503         .00000          04166        0279        06247        05261         .00000          05289        0322        05800        04867         .00000           .00000         .00000         .00000         .00000
	(CA-8) K3.1TS7H15.6.1F20TS40165.	3.5 (PJF459) ( 01/JUN 76 )
REFERE	ICE DATA	PARAMETRIC DATA
SREF = 5500.0000 S LREF = 327.8000 I BREF = 2348.0000 I SCALE = .0400	I. YMRP = .0000 IN.YC	ALPHAW = 4.216 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 !CRB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 459/ 0 RN/L = .00 GRADIENT	INTERVAL = -5.07 5.00
MACH GP .154 11. .154 13. .155 22. .155 38.	96 4.19561 35.06169 .0005101478	CP3 CP CP5 CP6 BETA .0004125880580004300 .000000059025130581704278 .000000215923920527103740 .00000

### (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(PJF460) ( 01 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

SREF =				= 1339.9100	IN.XC			ALPH	AW =	6.252	RN/L =	1.090
LREF =			YMRP :			and the second		STAE	=	-2.000	ELEVTR =	.000
	2348.0000	IN.	ZMRP :	= 190.7500	IN.ZC		to ki til	IORE			ELEVON =	-5.000
SCALE =	.0400							BDFL	AP =	-11.700		

		RUN NO. 4	1607 0 RN	'L. = .01	O GRADIE	NT INTERVAL	. = -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	11.341	6.25222	35.24521	.00792	00338	.00499	03683	06375	04922	.00000
. 155	13.398	6.15819	35.50681	00016	01023	00359	03252	06008	04516	.00000
. 155	22.411	6.13738	35.23063	00959	01987	01419	02736	05592	04087	.00000
. 154	38.309	6.11801	34.96895	03429	04368	04099	01501	04413	02673	.00000
. 155	53.886	6.07401	35.35699	04217	05276	05001	01249	04162	02407	.00000
. 155	64.452	6.20302	35.30743	04558	05515	05264	01390	0 <sup>L</sup> 246	02550	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	. 00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(PJF461) ( 01 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

	0 SQ.FT. XMRP =	1339.9100 1	IN.XC	ALPHAW =	8.145	RN/L = 1.090
LREF = 327.800		1 0000	IN.YC	STAB =	-2.000	ELEVTR = .000
BREF = 2348.000	IO IN. ZMRP =	190.7500 1	IN.ZC	IORB =		ELEVON = -5.000
SCALE = .040				BDFLAP =	-11,700	

## RUN NO. 461/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 154	11.340	8.14494	34.96010	00319	01049	00375	03599	06263	04738	.00000
. 154	12.012	8.12785	35.15385	-,00370	01055	00455	03632	06278	04800	.00000
.155	21.461	8.11872	35.16587	02526	03186	02809	03019	05728	04047	.00000
. 155	37.364	8.23907	35.42682	04664	05330	05128	01849	04651	02737	.00000
. 155	52.891	8.22085	35.30778	05405	06131	05981	01685	045!6	02573	.00000
. 155	74.094	8.20037	35,17440	05761	06437	06378	01793	04598	02644	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE		

## CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8) K3.1TS7H	5.6.1F20TS401G5,3.5
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(PJF462) ( 01 JUN 76 )

### REFERENCE DATA

			PARAMETRIC DATA	
SREF LREF	= 5500.0000 SQ.FT. XMRP = 327.8000 IN. YMRP	1339.9100 IN.XC ALPHAW =		000
BREF SCALE	= 2348.0000 IN. ZMRP	190 7500 IN 7C STAB =	-2.000 ELEVTR =	000
SCALE	0400	10RB = BDFLAP =	5.000 ELEVON = -5.	000

	RUN NO. 462/ 0 RN/L = .00	GRADIENT INTERVAL # -5 nn/		
MACH GP .154 11.327 .154 11.897 .154 20.809 .154 37.351 .155 52.583 .155 84.235 GRADIENT	ALPHAW Q(PSF) CP1 10.09701 35.0764301624 10.08002 35.0588601948 10.16945 35.0370703915 10.16802 34.9093706440 10.27481 35.3745007087	GRADIENT INTERVAL # -5.00/  CP2	5.00  CP5	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF463) ( 01 JUN 76 )

## REFERENCE DATA

cr	REF = 5500	ner energe							PARAMETRIC	DATA	
LF BF	REF = 327	0.0000 SQ.FT 7.8000 IN. 8.0000 IN. .0400	XMRP YMRP ZMRP	=	IN.YC		ALPHAW STAB IORB BDFLAP	= :	12.112 -2.000 6.000	RN/L = ELEVTR = ELEVON =	

# RUN NO. 463/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 20.384 12.11 .154 23.656 12.09 .154 39.879 12.14 .155 55.197 12.22 .155 97.454 12.27 .6RAD1ENT .00	196 35.19062 569 35.15007 536 35.07745 575 35.24470	CP1	0487105 0792705 0879805 1013805	CP5 10308109 158607980 1506107333 1509207318 1594908163 150000 .00000	CP6 06533 06290 05493 05375 06263 .00000	BETA .00000 .00000 .00000 .00000
--	--	-----	--	---	--	--

1.090 .000

-5.000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF464) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

		그리 마르 아이들이 그렇게 다양하다 그				ALPHAW =	. 156	RN/L =
CI	REF =	5500.0000 SQ.FT.	XMRP =	1339.9100 IN.XC		STAB =	-2.000	ELEVTR =
		327.8000 IN.	YMRP =	.0000 IN.YC		IORB =	6.000	ELEVON =
	\		ZMRP =	100 MEDO 1N 70.			-11.700	
8	REF ≖	2348,0000 IN.	2(113)	13011000		BOFLAP =	~ ( ) . / UU	

	UN NO. 464/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH GP .155 11.277 .155 13.857 .155 23.942 .155 32.786 GRADIENT	ALPHAW Q(PSF) CP1 15594 35.2060600574	0328902593 0455803992	CP4 CP50487207156049790745004016065890315405818 .00000 .00000	CP6 BETA06053 .0000006368 .0000005554 .0000004828 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF465) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SQ.FT LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400		I, YC		ALPHAW = 4.137 STAB = -2.000 IORB = 6.000 BDFLAP = -11.700	ELEVTR = ELEVON = -:	1.090 .000 5.000
SCALE = .0400	DIN NO. 4657 0 PN/I	= .00 GRADIEN	INTERVAL = -5.00	0/ 5.00		

n en en en en en en en en en en en en en	וח ט לכסף .טא אנ	147E - 147E			
.154 11.275 4 .155 13.089 4 .154 22.361 4 .154 38.456 4	ALPHAN Q(PSF) 4.13744 34.99058 4.13253 35.20287 4.10462 35.09389 4.11515 35.10621 4.13736 35.24985 .00000 .00000	CP1 CP200272015990004001280012830253103254044570370804911 .00000 .00000	0051503034 0182302963 0395601506 0447001330	CP5 05434 05527 05455 04121 03923 .00000	CP6 BETA04057 .0000004114 .0000004070 .0000002656 .0000002405 .00000 .00000 .00000

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## (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

( D1 JUN 76 )

RF					

## PARAMETRIC DATA

SREF LREF BREF SCALE	= 5500.0000 SQ.FT. = 327.8000 IN. = 2348.0000 IN. = .0400	YMRP = .000	00 IN.XC 00 IN.YC 00 IN.ZC		IORB =	6.138 RN/L = 1.090 -2.000 ELEV.R = .000 6.000 ELEVON = -5.000 1.700
		RUN NO. 466/ 0	RN/L = .00 GR	ADIENT INTERVAL =	-5.00/ 5.00	
	MACH GP .155 11.341 .155 12.555 .155 21.686 .155 37.540 .155 53.195 .155 63.673 GRADIENT	ALPHAW 0(PSF) 6.13763 35.20423 6.11759 35.25735 6.14177 35.36765 6.12289 35.22358 6.17584 35.25080 6.17827 35.18393 .00000 .00000	3 .0004701 60040301 60130402 70352204 70453305 80484705	00400159 54800675 40401673 64104056 64205126	CP4 CP5032590544903160053010282704990018310403501737039850197304149 .00000 .00000	CP6 BETA04145 .0060003920 .0000003598 .0000002532 .0000002636 .0000002636 .00000

## (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(PJF467) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

하는 사람들은 이 눈이 모르는 모르는 그 그들은 사람들이 모르는다.						MAILTIME DATA	
SREF = 5500.0000 SQ.FT. LREF = 327.0000 IN. BREF = 2348.0000 IN. SCALE = .0400	YMRP = .(	1100 IN.XC 1000 IN.YC 1500 IN.ZC				8.126 RN/L -2.000 ELEV 6.000 ELEV	TR = .000
MACH GP	RUN NO. 467/ 0		GRADIENT INTERVAL	= -5.00	5.00		

MACH GP	ALPHAM	Q (PSF) CF	PI CP2	CP3	CP4	CP5	CP6	BETA
.154 11.340		34.93485(	0082601766	00797	04038	05872	04536	.00000
.155 11.959		35.26576(	0078801821	00744	03882	05777	04498	.00000
.154 21.342		<i>3</i> 5.12045(	0260703582	02659	03368	05264	03777	.00000
154 37.305		34.84427(	0433605501	04687	92572	04557	02902	.00000
.154 52.799		35.14917(	0520506283	0560:	.17452	04703	02951	.00000
.154 73.990		35.156980	0588906991	0631€	02841	04740	03045	.00000
GRADIENT	.00000	. 00000 . (	00000. 00000	.00000	.00000	.00000	.00000	.00000

PΑ	GF	63	۵

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

### (PJF468) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

SREF = 5500.0000	150.FT. XMRP = 1339	9100 IN.XC	ALPHAW = 10.114	RN/L = 1.090
LREF = 327.8000	) IN. YMRP =	0000 IN.YC		ELEVTR = .000
BREF = 2348,0000	IN. ZMRP = 190	7500 IN.ZC		ELEVON = $-5.000$
SCALE = OFUL			PDFLAP = -11.700	

		RUN NO.	468/ 0 R	RN/L = .00	GRADIEN	T INTERVAL	= -5.00/	5.00		
44611	on.	er Syma	O/DCE)	201	<b>600</b>	CDZ	CDI	CP5	CP6	BETA
 MACH .154	GP 11,327	ALPHAW 10.11423	Q(PSF) 35-04264	CP1 00811	CP2 01799	CP3 00388	CP4 05657	07014	05844	.00000
.154	12.058	10.13001	35.07929	01229	02301	00837	05603	06975	05744	.00000
. 154	20.974	10.12936	35.11743	03593	04637	03396	04778	06255	04758	.00000
. 155	37.333	10.13338	35.43861	05537	06714	05641	04260	05700	03917	.00000
. 155	52.732	10.18426		06130	07263	06268	03806	05280	03452	.00000
. 155	84.371	10.25390	35.39045	06318	07546	06412	04135	05556	03681	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6,1F20TS401G5.3.5

## (PJF469) ( 01 JUN 76 )

## REFERENCE DATA

SREF =	5500.0000 SQ.FT. XMF	P = 1339.9100	IN.XC		ALPHAW =	12.137	RN/L =	1.090
LREF =	327.8000 IN. YMF	RP = .0000	IN.YC		STAB =	-2.000	ELEVTR =	.000
BREF =	2348.0000 IN. ZMF	RP = 190.7500	IN.ZC		IORB =	6.000	ELEVON =	-5.000
SCALE =	.0400				BDFLAP =	-11.700		

		RUN NO.	469/ 0 RN	I/L = .00	GRADIEN	NT INTERVAL	= -5.00/	5.00		
MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	20.377	12.13694	35.19842	04571	05557	04159	06504	07589	06078	.00000
.155	23.660	12.11864	35.24191	05022	~.06188	04679	06176	07240	05743	.00000
.154	39.658	12.12476	34.85807	07314	08523	07223	06257	07276	05588	.00000
.154	55.171	12.21233	35.17914	08090	09297	08049	06446	07464	05705	.00000
. 155	97.482	12.31929	35.37496	09092	10417	09217	06800	07725	05894	.00000
	GRADIENT	00000	nnnnn	nnnnn	nonno.	00000	00000	nnnn	00000	กกกกก

**DATE 06 JUL 76** 

GRADIENT

## CA-8 - FORCE SOURCE DATA TABULATION

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	K3.1TS		

(PJF470) ( 01 JUN 76 )

### REFERENCE DATA

4.16156

.00000

.00000

### PARAMETRIC DATA

LREF	= 327.1 = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	- 1 11 2 2	= 1339,9100 I = .0000 I = 190.7500 I	N.YC			ALPHAW = .211 RN/L = 1.090 STAB = -4.000 ELEVIR = .000 10RB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
			RUN NO.	470/ 0 RN/	L = .00	GRADIENT	INTERVAL	<b>■ -5.00/ 5.00</b>
	MACH .154 .155 .155 .155	GP 11.278 14.002 24.097 32.935 GRADIENT	ALPHAW .21106 .16162 .11072 .13601 .00000	Q(PSF) 35.04381 35.32128 35.22565 35.40252 .00000	CP1 00651 01132 02578 03642 .00000	CP2 02790 03322 04732 05767 .00000	CP3 01865 02470 03901 04932 .00000	CP4         CP5         CP6         BETA          05592        06387        05725         .01000          05051        06060        05380         .01000          04597        05732        05111         .00000          04176        05369        04715         .00000           .00000         .00000         .00000         .00000
				(CA-8) K3	.1TS7H15.6	.1F20TS401G5	.3.5	(PJF471) ( 01 JUN 76 )
		REFERENCE DA	.TA					PARAMETRIC DATA
LREF	= 327.8 = 2348.0	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP YMRP ZMRP	1 0000	N.YC			ALPHAW = 4.154 RN/L = 1.090 STAB = -4.000 ELEVTR = .000 IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
			RUN NO.	471/ 0 RN/	L = .00	GRADIENT	INTERVAL	= -5.00/ 5.00
	MACH - 155 - 154 - 154 - 154 - 154	GP 11.331 12.938 22.211 38.342 53.271	ALPHAW 4.15394 4.13429 4.10787 4.11637 4.16156	Q(PSF) 35.26961 35.14014 34.94914 34.89285 34.82167	CP1 .00956 .00719 00959 03054 02915	CP2 01022 01285 02965 05052 04858	CP3 .00506 .00265 ~.01475 ~.03696 ~.03525	CP4 CP5 CP6 BETA041770509104091 .00000039540492003956 .00000037190475003722 .00000025400363702496 .00000022080332702200 .00000

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# (CA-8) K3.1TS7HI5.6.1F20TS40165.3.5

## (PJF472) ( 01 JUN 76 )

## REFERENCE DATA

SREF	= 5500.0000	SQ.FT. XMRP =	1339.9100	Little	PARAMETRI	C DATA
LREF BREF SCALE	= 327.8000 = 2348.0000	IN. YMRP =		IN.YC	ALPHAW = 6.134 STAB = -4.000	RN/L = 1.090 ELEVTR = .000
	00.00				10RB = 5.000 BDFLAP = -11.700	ELEVON = -5.000

MACH GP AI BHALL	000 - 17E7 U RN/L = .00	GRADIENT INTERVAL	= -5.00/	5.00	
ALPHAM .155	35.24521 .00360 35.20207 .00102 35.1212400715 35.0393103211 35.3293803859	CP2 CP301069 .0015101257001440216001069046080380105259045350544904787 .00000 .00000	CP4 02821 02557 02685 01469 01094 01233 .00000	CP5 05357 05072 05264 04068 03774 03778	CP6 BETA03672 .0100003425 .0100003620 .0100002299 .0000001972 .0000002028 .00000

# (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

### (PJF473) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	PARAMETRIC DATA
LREF = 327.8000 IN UMOD	- 1339.9100 IN.XC	ALPHAW = 8.145 RN/L = 1.000
BREF = 2348.0000 IN. ZMRP	# 190.7500 IN.ZC	STAB = -4.000 ELEVTR = 1.090
SCALE = .0400	[Heart : 1877] [10] [10] [10] [10] [10] [10] [10] [10	10RB = 6.000 ELEVON = -5.000

	RUN NO.	473/ 0 RI	N/L = .00	GRADIENT	INTERVAL =	-5.00/ 5 (		.700	
MACH GP .155 11.340 .155 11.856 .154 21.247 .154 37.229 .154 52.703 .155 73.888 GRADIENT	ALPHAW 8.14460 8.12377 8.11041 8.13433 8.17323 8.22739 .00000	Q(PSF) 35.30291 35.44481 35.12043 34.88457 35.18097 35.28107 .00000	CP1 .00232 .00040 01819 04150 04713 05126 .00000	CP2 00972 01074 02940 05307 05909	CP3 .00183 00115 02077 04696 05270 05747 .00000	CP4 03354 02991 02685 01603 01770	CP5 05655 05237 05016 04005 04141 04435 00000	CP6041810373103385021650222902567 .00000	BETA .01000 .01000 .01000 .00000 .00000

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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF474) ( 01 JUN 76 )

Þ	5	F	F	Þ	F	N	۲	_	ח	٨	Т	٨	

- 1	SREF =	5500.0000	SQ.FT.	XMRP =	1339.9100	IN.XC		ALPHAW =	10.110	RN/L =	1.090
1	LREF ≈	327,8000	IN.	YMRP =	.0000	IN.YC		STAB =	-4.000	ELEVTR =	.000
- [	BREF =	2348.0000	IN.	ZMRP =	190.7500	IN.ZC		10RB =	6.000	ELEVON =	-5.000
	SCALE =	. 0400						RDFLAP =	-11.700		

D1141 440	1	PMA E A I	~~	AB 4 B 1 C 4 T	INTERVAL =		~ ~~
DI IN NI I	474/ 0	RN/L =	.00	I SHALLEN I	INTERVAL E	-5 1111/	1111
	7777	11111112		CIVACILII	# 1.4 1 P 1 / 4 W P -	2,007	

MACH	GP ALPHAW	Q(PSF) CP1	CP2	CP3 CP4	CP5	CP6	BETA
. 154	11.327 10.11027	35.0277101411	02307	0125204110	06102	04636	.00000
. 155	11.853 10.13740	35.2983400553	01611	0043404758	06703	05352	.00000
. 155	20.771 10.14013	35.3172103406	04417	0355003649	05692	03977	.00000
.155	37.100 10.14382	35.2315905132	06149	0536903281	05299	03430	.00000
. 154	52.517 10.17840	35,1783805917	07032	0633902974	05031	03113	.00000
.154	84.181 10.23508	35 1799906586	07672	0707403564	05618	03622	.00000
	GRADIENT .00000	.00000 .00000	.00000	.00000 .00000	.00000	.00000	.00000

## (CA-8) K3.1TS7HI5.6.1F20TS401G5.3.5

(PJF475) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000	SQ.FT.	XMRP =	1339.9100 IN.XC
LREF = 327.8000	IN.	YMRP =	.0000 IN.YC
BREF = 2348.0000	IN.	ZMRP =	190.7500 IN.ZC
CCXIE - OUDD			

## PARAMETRIC DATA

PARAMETRIC DATA

ALPHAW	= '	12.143	RN/L	. =	1.090
STAB	=	-4.000	ELEVTR	=	.000
IORB	=	6.000	ELEVON	=	-5.000
POFI AP	=	-11 700			

## RUN NO. 475/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP		ALPHAW	Q(PSF)	CPI	CP2	CP3	СРЧ	CP5	CP6	BETA
. 155	20.	368	12.14249	35.23924	03821	04749	03574	06335	08019	06501	.00000
.155	23.	673	12.13962	35,21120	04688	05555	04467	05685	07432	05802	.00000
. 154	39.	663	12.18013	34.93335	07324	08339	07580	04476	06208	04260	00000
. 154	55.	143	12,19367	34.95030	08010	09049	08293	05182	06865	04904	1000
.155	97.	480	12.30196	35.35486	08619	09718	08907	05880	07461	05577	0000
	GRADI	ENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF476) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

SREF =	5500.0000 SQ.FT.	XMRP = 1339.9100 IN.XC		ALPHAW = .160	RN/L = 1.090
LREF =		YMRP = .0000 IN.YC			ELEVTR = .000
	2348.0000 IN.	ZMRP = 190.7500 IN.ZC		IORB = 6.000	ELEVON = -5.000
SCALE =	.0400		4. 1. 1946 - 1866 - 1968 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 - 1866 -	BDFLAP = -11.700	

	RUN NO.	476/ 0 RM	WL = .00	GRADIEN	T INTERVAL	-5.00/	5.00		
MACH GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.155 11.277	.15981	35.28758	.00131	01752	01423	04899	06537	05650	.01000
.154 13.873	.11614	35.07277	00541	02488	02065	04834	06559	05768	.01000
.154 23.959	.12071	34.93798	02116	04120	03744	04179	05981	05150	.00000
.154 32.817	.13886	35.07257	03272	05198	04869	03423	05366	04598	.00000
GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	00000	nnnnn	nnnnn

### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF477) ( 01 JUN 76 )

## PARAMETRIC DATA

REFERENCE DA			PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC	ALPHAW = STAB = IORB = BDFLAP =	4.122 RN/L = 1.090 .000 ELEVTR = .000 6.000 ELEVON = -5.000 -11.700

## RUN NO. 477/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1 CP2	CP3 CP4	CP5 CP6	BETA
154 11.331 4.12171	35.12137 .0124700439	.0055203297	049770386	.00000
.154 12.964 4.10219	35.04919 .0026501410	0045803220	049740379	.00000
.154 22.249 4.12378	35.134870132202961	0205302479	043100312	.00000
.154 38.364 4.12749	35.199220304404668	0385801448	033970209	.00000
.154 53.299 4.14266	35.164270359705202	0452101385	033940205	.00000
GRADIENT .00000	.00000 .00000 .00000	.00000 .00000	.00000 .0000	.00000

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(CA-8)	K3.1TS7H15.	6.1F20TS40165.3.5	

(PJF478) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN	N.XC	A) CULALI			
LREF = 327.8000 [N. YMRP	= .0000 IN		ALPHAW =		RN/L =	1.090
	= 190.7500 IN		STAB =	.000	ELEVTR =	.000
SCALE = .0400		20	IORB =		ELEVON =	-5.000
			BDFLAP =	-11 700		

		RUN NU.	4787 U RN/L	= ,00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH .155 .154 .154 .154 .154 .154	GP 11.34 12.54 21.649 37.529 53.189 63.663 RADIENT	6.10245 6.14773 6.15022 6.15415 6.19072	35.19937 35.06746	CP1 .00840 .00449 01236 03319 03928 04005 .00000	CP2 00729 01029 02753 04851 05498 05589 00000	CP3 .00545 .00080 01707 03897 04621 04729	CP4033920337702411016300135201543 .00000	CP5050610499704255034590323803200	CP6 03862 03748 02775 01938 01677 01838 .00000	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1757H15.6.1F20TS401G5.3.5

(PJF479) ( 01 JUN 76 )

BETA

SREF =	5500.0000	SQ.FT.	XMRP =	1339.9100	THE VC					
LREF =			YMRP =	.000.0.00			ALPHAI	<b>1</b> ≈ 8.1	07 RN/L =	1.090
BREF =	2348.0000	IN.	ZMRP =				STAB	= .0	100 ELEVTR =	-000
SCALE =	.0400		2.1111	150.7500	TIY.ZC		IORB	= 6.0	00 ELEVON =	-5.000
							BDFLAF	P = -11.7	00	

경기하다 그 그들은 어린다는 나는 다음	RUN NO. 479/ 0 F	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00	
MACH GP .155 11.340 .154 11.872	ALPHAW Q(PSF) 8.10660 35.31768 8.08006 35.06300	CP1 .00357	CP2 01062	CP3 .00307	CP4 03623	CP5 05144	CP6 0386

.154 11.872 8.08006 .154 21.259 8.11677 .154 37.239 8.18743 .155 52.742 8.17364 .155 73.916 8.20100 GRADIENT .00000	35.06248 .00619 35.0695902278 35.1381203827 35.3101204440 35.2044604954 .00000 .00000	00833 .00 0372803 0532204 0597105 0647605	1307	05144 05196 04451 04147 03938 04254	03860 03968 02863 02482 02199 02509	.00000 .00000 .00000 .00000 .00000
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CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) K3.1TS7H15.6.1F20TS4G1G5.3.5

## (PJF480) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

00000.00000.00000.00000.

							Α	

LREF = 327.8000 IN. YM	RP = 1339.9100 IN.XC RP = .0000 IN.YC		ALPHAW = STAB =	10.145 RN/L = 1 .000 ELEVTR =	1.090 .000 5.000
그는 문장들이 되는 사람들은 문화를 모르고 되었다. 하다가 되는 것은 것이다.	RP = 190.7500 IN.ZC		IORB =	0.000 ===	3.000
SCALE = .0400			BDFLAP =	-11,700	
DUN	NO LOCAL OF PAINS $-$ OF	GRADIENT INTERVAL =	-5 no/ 5 no		

		RUN NO.	480/ 0	RN/L = .00	GRADIENI	INIERVAL	= -5.00/	5.00		
IACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
. 154	11.327	10.14503	35.12387	00653	02020	00463	04682	06145	04773	.00000
. 154	12.218	10.12261	35.11607	00480	01860	00215	05525	06913	05660	.00000
.155	21.134	10.12411	35.21648	02398	03795	02371	04756	06235	04738	.00000
. 155	37.467	10,16314	35.22323	05117	06493	05355	~.03895	05386	03611	.00000
.155	52,878	10.19129	35,36329	06252	07644	06617	03553	05115	03263	.00000
. 155	84.539	10.25356	35.30286	06723	08163	07085	03971	05433	03572	.00000

### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

.00000 .00000 .00000

### (PJF481) ( 01 JUN 76 )

.00000

## REFERENCE DATA

GRADIENT

SREF	= 5500.0000 SQ.FT.	XMRP = 1339.9	100 IN.XC	ALPHAW =		RN/L = 1.090
LREF			000 IN.YC	STAB =		ELEVTR = .000
BREF	= 2348.0000 IN.	ZMRP = 190.7	500 IN.ZC	10RB =		ELEVON = -5.000
SCALE	- Ուրը			RDFLAP =	-11.700	

	.0400					BUFL	AP = -11	. 700	
		RUN NO. 4	81/ 0 RN/L =	.00 GRADIEN	IT INTERVAL	= -5.00/ 5	5.00		
	55 20.394	ALPHAW 12.15270	0(PSF) CP1 35.31151035		CP3 03279	CP4 05931	CP5 07177	CP6 05732 05581	BETA .00000 .00000
- 1	55 23.693 54 39.714 55 55.192	12.13248 12.14498 12.20166	35.22409045 35.16720078 35.22127078	2708567	04519 07432 08000	05887 05040 05641	07128 06323 06906	03361 04415 04995	.00000
	55 97.510	12.29764	35.22467089	32210333	09174	06524 00000	07654 .00000	05831 .00000	.00000

DATE	06 JU	75

## CA-8 - FORCE SOURCE DATA TABULATION

				ONCE SOUNCE	DATA TABUL	NOITA		
				(CA-B)	K3.1TS7	F20T54010	35 7 5	PAGE 637
		REFERENCE	DATA				JJ,J,J	(PJF482) ( 01 JUN 76 )
SREF	= 550	0.0000 SQ.F	T. XMRP	= 1339.9100	111 140			PARAMETRIC DATA
LREF BREF SCALE	= 32°	7.8000 IN. 3.0000 IN. .0400		= .0000 = 190.7500	IN YC			ALPHAW = .145 RN/L = 1.090 IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	MACH .155 .155 .155 .155	GP 11.277 14.391 24.485 33.363 GRADIENT	RUN NO. ALPHAM . 14475 . 09932 .13709 .18635 .00000	0 (PSF) 35, 39961 35, 26386 35, 30441 35, 28037	CPI .00143 00237 02104 03000 .00000	GRADIEN  CP201921023490421504972 .00000	CP301247016720362104427	CP4 CP5 CP6 BETA037910563804723 .00000043160626405356 .00000040370616405335 .00000030680531404472 .00000 .00000 .00000 .00000
				(CA-8) K	3.1TS7	F20TS401G5	5.3.5	
		REFERENCE (	DATA					(PJF483) ( 01 JUN 76 )
	= 5500 = 327	0000 SO.FT.		1339.9100	וא ער			PARAMETRIC DATA
	= 2348.	8000 IN. 0000 IN. 0400	YMRP = ZMRP =	.0000	IN YC			ALPHAW = 4.103 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	MACH	GP GP			L = .00	GRADIENT	INTERVAL =	= -5.00/ 5.00
	. 154 . 155 . 155 . 154 . 155	11.331 13.365 22.644 38.767 53.710 GRADIENT	ALPHAW 4.10292 4.14050 4.11895 4.11874 4.14596 .00000	Q(PSF) 35.01372 35.24504 35.23663 35.16329 35.20823 .00000	CP1 .00946 .00509 01329 02573 03475 .00000	CP2 00746 01299 03015 04195 05125 00000	CP3 .00326 00166 02052 03476 04437 .00000	CP4 CP5 CP6 BETA0256304770035120100002687049720367901000020320439503086010000088503394020180100000722032110174201000 .00000 .00000 .00000

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## CA-8 - FORCE SOURCE DATA TABULATION

(CA-B) K3.1TS7 F20TS401G5.3.5

(PJF484) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400 PARAMETRIC DATA

ALPHAW = 6.140 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BDFLAP = -11.700

RUN NO. 484/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP .155 11.341 .154 13.062 .154 22.182 .154 38.064 .154 53.730 .155 64.213 GRADIENT	ALPHAW 6.13967 6.11796 6.11422 6.14323 6.16348 6.19447	0(PSF) CP1 35.21092 .00502 35.15279 .00473 34.9514700658 35.1153502599 35.1974503933 35.3889803963 .00000 .00000	CP2 00935 00986 02112 04066 05378 05452	.00064 01140 03350 04656	CP4 02237 02519 02141 01391 01245 00748 .00000	CP5045290478604508038180369903144 .00000	CP6 03143 03414 03108 02240 02079 01533 .00000	BETA 01000 01000 01000 01000 01000 .00000
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(CA-8) K3.1TS7 F20TS401G5.3.5

(PJF485) ( 01 JUN 76 )

### REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC SCALE = .0400

### PARAMETRIC DATA

ALPHAW = 8.130 RN/L = 1.090 10RB = 6.000 ELEVON = -5.000 BOFLAP = -11.700

RUN NO. 485/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP .154 11.340 .155 12.350 .155 21.737 .154 37.720 .155 53.227 .155 74.397 GRADIENT	ALPHAW QUPSF 8.12951 34.9752 8.10891 35.2509 8.10975 35.3106 8.16539 34.9732 8.18391 35.3155 8.22550 35.2725	2 .00678 0 .00069 801900 903880 804401 204837	CP2 00587 01137 03164 05173 05651 06185	CP3 .00528 00135 02263 04386 04993 05463	CP4 03+13 02888 02180 01705 01526 01961 .00000	CP505530055860508604515040470387604275	CP6 04217 03687 02948 02334 02081 02474 .00000	01000 01000 01000 01000 01000 01000
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DATE 06 JUL 76	CA-8 - FORCE SOURCE DATA TABULAT	ION	PAGE 639
	(CA-8) K3,1TS7	F20T540165.3.5	(PJF486) ( 01 JUN 76 )
REFERENCE DA	ATA PROPERTY OF THE PROPERTY OF		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.0000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 10.130 RN/L = 1.090 IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.70C
	RUN NO. 485/ 0 RN/L = .00	GRADIENT INTERVAL = -5.00	// .5.00
.154 12.303 .154 21.230 .155 37.575 .155 53.010	ALPHAW Q(PSF) CP1 10.12957 35.1648401126 10.10131 35.0640401395 10.13737 35.0241402778 10.12807 35.2394304817 10.16399 35.2963505728 10.23953 35.1763306492 .00000 .00000 .00000	CP2	CP5 CP6 BETA 5060510461101000 6063430485101000 1059950434501000 9051750335101000 6052420328401000 5054560345001000
	(CA-8) K3.1TS7	F201540165.3.5	(PJF487) ( 01 JUN 76 )
REFERENCE DA	TAN DESCRIPTION OF THE STATE OF		PARAMETRIC DATA
SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW = 12.185 RN/L = 1.090 IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700
	RUN NO. 487/ D RN/L = .00	GRADIENT INTERVAL = -5.00	/· 5.00
.154 23.649 .154 39.661 .154 55.161	12.16086 35.0452004587 12.14953 34.8492606847 12.19496 35.0083307556	CP2 CP3 CP4054550444605176055000437505906079260715504560859307804049110081093170618900000 .00000 .00000	3077510614201000 3063260441201000 7067520488901000 3079150598401000

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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF488) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

SREF = 5500.0000 SQ.FT. LREF = 327.8000 IN. BREF = 2348.0000 IN. SCALE = .0400	XMRP = 1339.9100 IN.XC YMRP = .0000 IN.YC ZMRP = 190.7500 IN.ZC		ALPHAW # STAB = IORB = BDFLAP =	.166 RN/L -2.000 ELEVTR 6.000 ELEVON -11.700	
R	RUN NO. 488/ C RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	CP6	BETA

MACH GP .155 11.277 .154 14.404 .154 24.489 .155 33.353	ALPHAW 0(PSF) CP1 .16590 35.27085 .00202 .11680 35.0936500494 .11492 34.9485301894 .14328 35.5825803309	CP2 01708 02485 03773 05139	CP3 01316 02134 03525 04858	CP4 04042 04147 03057 02569	CP5 06617 06787 05925 05414 .00000	CP6 05387 05639 04810 04298	BETA .00000 .00000 .00000 .00000
GRADIENT	.00000 .00000 .00000	.00000	.00000	.00000	.00000	.00000	.00000

### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF489) ( 01 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

SREF	_	5500.0000 SQ.FT.	XMRP	_	1339.9100	IN.XC			ALPHAW	=	4.115	RN/L	=	1.090
LREF	= .	327.8000 IN.	YMRP			IN.YC	물린 변화의 말기록 시간.		STAB	<b>=</b>	-2.000 6.000	ELEVTR ELEVON		17.000 -5.000
SCALE		2348.0000 IN.	ZMRP	=,	190.7500	IN.ZC			BDFLAP	=				

## RUN NO. 489/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW Q(PSF) .154 11.331 4.11466 35.15361 .154 13.365 4.11240 35.13836 .154 22.653 4.13697 34.91403 .154 38.786 4.15506 35.11812 .154 53.705 4.18163 35.18617 .00000 .00000	.002460 007370 029930 035080	2 CP3 062000013 105700548 204801571 420303931 469504510 0000 .00000	CP4 01928 02363 01895 00436 00611 .00000	CP5 04662 05075 04756 03384 03499 .00000	CP6 03218 03642 03268 01848 01931 .00000	BETA .00000 .00000 .00000 .00000
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	06 JUL 76	CA-8 - F	FORCE SOURCE	DATA TABULA	ATION			
			(CA-8) K	3.1TS7H15 £	5.1F20TS4010	`E ' =	PAC Benediction of the second of the second of the second of the second of the second of the second of the second	E 641
r est, me d'arte. Le commune de la commune	REFERENCE	DATA		0.1.07,110.6	). IFE01540IC	25.3.5	(PJF490) ( 01 JL	N 76 )
							PARAMETRIC DATA	
	= 5500.0000 SQ.F = 327.8000 IN.			IN.XC				
BREF	= 2348.0000 IN	YMRP -		IN.YC			ALPHAW = 6.174 RN/L = STAB = -2.000 ELEVTR =	1.090 17.000
SCALE	- 0400		.001,550	1N.2C			IORB = 6.000 ELEVON =	-5.000
		RUN NO.	490/ 0 RN	/L = .00	GRADIEN	IT INTERVAL		
	MACH GP	ALPHAW			-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	II INICHVAL	<b>*</b> -5.00/ 5.00	
	.154 11.341	6.17440	Q(PSF) 35.18610	CP1 .00708	CP2 00182	CP3	CP4 CP5 CP6 BETA	
	.154 13.318 .154 22.420	6.15493 6.13477	35.15054 34.99292	.00316	00620	00168	020820463403215 .000 025190509603649 .000	
	.155 38.313	6.10969	35.52448	01173 03048	02084 03994	01916	014730413702632 .000	
	.154 53.958 .154 64.430	6.15133 6.19136	35.18180	03808	04764	03916 04805	008020344201831 .000	00
	GRADIENT	.00000	35.06910 .00000	04504	05476	05499	005550321201543010	
				.00000	.00000	.00000	.0000 .00000 .00000	
			(CA-8) K3	.1TS7H15.6	. IF20TS401G5	5 7 F		
	REFERENCE	DATA					(PJF491) ( 01 JU)	76 )
SREF :	= 5500.0000 SQ.FT	. XMRP =	1339.9100 11				PARAMETRIC DATA	
	= 327.8000 IN.		· 1.449 9100 1					
		YMRP =	1 0000.	N.XC V.YC			ALPHAW = 8.145 RN/L =	1 090
	= 2348.0000 IN.	YMRP = ZMRP =	.0000 II 190.7500 II	N.YC			STAB = -2.000 ELEVTR =	1.090 17.000
BREF = SCALE =	= 2348.0000 IN		.0000 11	N.YC			STAB = -2.000 ELEVTR =	
	= 2348.0000 IN.		.0000 11 190.7500 11	N.YC N.ZC	GRADIENT	INTERVAL =	STAB = -2.000 ELEVTR = 10RB = 6.000 ELEVON = BDFLAP = -11.700	17.000
SCALE =	= 2348.0000 IN. = .0400 MACH GP	ZMRP = RUN NO. 4 ALPHAW	.0000 11 190.7500 11	N.YC N.ZC - = .00		INTERVAL =	STAB = -2.000 ELEVTR = IORB = 6.000 ELEVON = BDFLAP = -11.700	17.000
SCALE =	= 2348.0000 IN. = .0400 MACH GP .154 II.340	ZMRP =  RUN NO. 4  ALPHAW 8.14532	.0000 11 190.7500 11 91/ 0 RN/L Q(PSF) 35.07151	N.YC N.ZC - = .00 CP1 .00247	GRADIENT CP2 00533	CP3	STAB = -2.000 ELEVTR = IORB = 6.000 ELEVON = BDFLAP = -11.700 ELEVON = -5.00/ 5.00 CP4 CP5 CP6 BETA	17.000 -5.000
SCALE =	= 2348.0000 IN. = .0400 MACH GP .154 11.340 .154 12.493 .155 21.862	ZMRP = RUN NO. 4 ALPHAW	.0000 11 190.7500 11 91/ 17 RN/L Q(PSF) 35.07151 35.12927	N.YC N.ZC - = .00 CP1 .00247 00361	CP2 00533 01171	CP3 00046 00719	STAB = -2.000 ELEVTR = 10RB = 6.000 ELEVON = BDFLAP = -11.700 = -5.00/ 5.00	17.000 -5.000
SCALE =	MACH GP .154 11.340 .155 21.862 .154 37.845	ZMRP =  RUN NO. 4  ALPHAW 8.14532 8.11722 8.11304 8.15613	.0000 11 190.7500 11 91/ 0 RN/L Q(PSF) 35.07151 35.12927 35.12927 35.24135 35.05107	N.YC N.ZC - = .00 CP1 .00247 00361 01879 03921	CP2 00533	CP3 00046 00719 02400	STAB = -2.000 ELEVTR = IORB = 6.000 ELEVON = BDFLAP = -11.700 = -5.00/ 5.00	17.000 -5.000
SCALE =	MACH GP .154 11.340 .154 12.493 .155 21.862 .155 53.329 .155 74.503	ZMRP =  RUN NO. 4  ALPHAW 8.14532 8.11722 8.11304 8.15613 8.18385	.0000 11 190.7500 11 91/ 0 RN/L 0(PSF) 35.07151 35.12927 35.12927 35.24135 35.05107 35.21850	N.YC N.ZC - = .00 CP1 .00247 00361 01879 03921 04559	CP2 00533 01171 02694 04790 05375	CP3 00046 00719 02400 04655 05349	STAB = -2.000 ELEVTR = IORB = 6.000 ELEVON = BDFLAP = -11.700 ELEVON = -5.00/ 5.00 CP4 CP5 CP6 BETA027120510903688 .0060030680539303973 .0000021680467203125 .000001651041600241601000119903727019930109301199037270199301093 -	17.000 -5.000
SCALE =	MACH GP .154 11.340 .154 12.493 .155 31.865 .154 37.845 .155 53.329	ZMRP =  RUN NO. 4  ALPHAW 8.14532 8.11722 8.11304 8.15613	.0000 11 190.7500 11 91/ 0 RN/L 0(PSF) 35.07151 35.12927 35.12927 35.24135 35.05107 35.21850	N.YC N.ZC - = .00 CP1 .00247 00361 01879 03921	CP2 00533 01171 02694 04790	CP3 00046 00719 02400 04655	STAB = -2.000 ELEVTR = IORB = 6.000 ELEVON = BDFLAP = -11.700 ELEVON = -11.700 ELEVON = -5.007 5.00 CP4 CP5 CP6 BETA -0.027120510903588 .0000021680539303973 .0000021680467203125 .0000001651041600241601000	17.000 -5.000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF492) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

	11-1-11-11-11	***						
					ALPHAW =	10.122	RN/L *	1.090
		WARD -	1339.9100 IN.XC		ALPHAM -			17 000
SREF = 5500	.0000 SQ.FT.	XMRP =	1222.2100 14.46		CTAD -	-2.000	ELEVTR =	17.000
			.0000 IN.YC		STAB =			- 000
LREF = 327	.8000 IN.	YMRP =	. 0000 114-10		10RB =	6.000	ELEVON =	-5.000
		7400	190.7500 IN.ZC		IUMB -			
BREF = 2348	. nono in.	ZMRP =	130.1000 14.50		DDCL AC -	-11.700		
					BDFLAP =	-11.700		
COME =	በዛብበ							

	.0400	RUN NO. 4	1927 0	RN/L = .00	GRAD1EN	NT INTERVAL .	-5.00/	5.00		
MACH .154 .154 .154 .153 .154	21.415 37.725 53.183	ALPHAW 10.12242 10.09824 10.12554 10.14992 10.20148 10.26602	Q(PSF) 35.21226 35.17201 35.21056 34.68817 35.08207 35.10524	CP1 00945 01047 03271 05093 06002	CP2 01620 01762 03888 05699 06667 07396 .00000	CP3010170112003540056380650607347	CP4 03960 04014 03534 02483 02650 03238 .00000	CP5 06057 06143 05758 04762 04946 05485 .00000	CP6046600468904042028980295603495	BETA01000010000100001000010000100001000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF493) ( 01 JUN 76 )

# REFERENCE DATA

그리고 이글리아 이루인 아버지 않는다. 얼마나			LPHAW = 12.18	4 RN/L =	1.090
37C1	1339.9100 IN.XC		TAB = -2.00	O ELEVTR =	17.000
LREF = 327.8000 IN. YMRP =	.0000 IN.YC 190.7500 IN.ZC	1	ORB = 6.00		-5.000
BREF = 2348.0000 IN. ZMRP =	190,7300 111.20	E	BDFLA: = -11.70	10	

. • . • . • . • . • . • . • . • . • . •	RUN NO. 493/ 0	RN/L = .00	GRADIENT INTER	RVAL = -5.00/	5.00	
MACH GP .155 20.438 .155 23.753 .154 39.749 .154 55.237 .154 97.563 GRADIENT	ALPHAW Q(PS 12.18454 35.222 12.16263 35.239 12.16047 34.897 12.17637 35.199 12.29622 35.127	04144 05282 0306958 0507905 08802	CP2 CP3047520460570905075200708536080949809 .00000 .00	32005021 37804668 48504376	CP5 07020 07017 06667 06355 07508 .00000	CP6 BETA05378

PAGE 543

(CA-8)	K3.	1TS71	115 B	1F20TS4	1165	7	5

(PJF494) ( 01 JUN 76 )

## REFERENCE DATA

SREF = 5500.0000 SO.FT XMRP =			
	1339.9100 IN.XC	ALPHAW = .161	RN/L = 1.090
LREF = 327.8000 IN. YMRP =	.0000 IN.YC		
BREF = 2348.0000 IN. ZMRP =		2.000	
SCALE * .0400	130.7300 IN.ZC	IORB = 6.000	ELEVON = $-5.000$
JUNEL0700		BDFLAP = -11.700	

RUN NO.	494/ 0	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/	5.00

MACH GP ALPHAW	O(PSF) CP1	CP2	CP3	СРЧ	CP5 CP6	BETA
.154 11.277 .16115 .154 13.665 .11911	35.21277 ,00291 35.14761 ,00278	01486	02279	04100	05765050	.00000
.154 23.741 .14154	35.14761 .00278 35.0259301125	01516 02909	02455 04083	04273 03569	05987053 05452047	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
.154 32.617 .15496 GRADIENT .00000	35.1014602410	04022	05338	02440	04517038	
ONADIENI . UUUU	.00000 .00000	.00000	.00000	.00000	.00000 .000	.00000

## (CA-8) K3.1T57H15.6.1F20TS401G5.3.5

(PJF495) ( 01 JUN 76 )

## REFERENCE DATA

# PARAMETRIC DATA

PARAMETRIC DATA

LREF = 327.8000 IN. YMRP = .0000 IN.YC	SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	ALPHAW =	4.131 RN/L =	1 000
				· · · · · · · · · · · · · · · · · · ·	1.090
50.75 = 190.7500 IN.ZC 10RB = 6.000 ELEVON = -5.000	BREF = 2348,0000 IN. ZMRP	= 190.7500 IN.ZC			
SCALE = .0400 BDFLAP = -11.700					-5.000

# RUN NO. 495/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW Q(PSF)	CP1 CP2	CP3 C	P4 CP5	CP6 BFTA
.154 11.331	4.13052 34.99911	.0142900218		0277205060	
.154 12.686	4.11083 35.06213	.0147300191		0273905072	111111
.154 21.973	4.13291 35.11182				04003 .00000
.154 38.076	4.13040 34.96474	0218603701			02829 .00000
.154 53.029	4.18168 34.92186			0115903753	02382 .00000
GRADIENT				0091203439	02029 .00000
OVADIENT	.00000 .00000	.00000 .00000	00000 .	00000 .00000	.00000 .00000

.155

. 154

35.23718

35.18165

.00000

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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF496) ( 01 JUN 76 )

PARAMETRIC DATA

-.02140

-.02033

.00000

PARAMETRIC DATA

## REFERENCE DATA

SREF = 5500.0000 SQ.FT			ALPHAW = 6.129 STAB = -2.000	RN/L = 1.090 ELEVTR = -23.000
LREF = 327.8000 IN.	YMRP = .0000 IN.YC			ELEVIN = -5.000
BREF = 2348.0000 IN.	ZMRP = 190.7500 lN.ZC			ELEVON 3.000
SCALE = .0400			BDFLAP = -11.700	
한 가능을 가장 가장 하는 그를 가는 밤에 한				
	RUN NO. $496/0$ RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
	아랫글로벌맞은 네 경기 이번 이 상사를 하는 물까요? [1]			
MACH GP	ALPHAW Q(PSF) CP1	CP2 CP3	CP4 CP5 CP6	
.155 11.341	6.12942 35.26834 .01309	00200 .00931	027730536904	013 .00000
.154 12.167	6.10717 35.16963 .01402	00047 .00939	027670537904	00000
.154 21.286	6.13031 35.0942900573	0193401047	025990536203	
,155 37,167	6.14776 35.27065 - 02655	0406103355	008960366603	

-.04685

-.04490

.00000

-.04209

-.03915

.00000

-.01105

-.00907

.00000

-.03786

-.03647

.00000

### (CA-8) K3.1T57H15.6.1F20T5401G5.3.5

-.03285

-.03060

.00000

(PJF497) ( 01 JUN 76 )

.00000 .00000

.00000

### REFERENCE DATA

52.828

63.312

GRADIENT

6.17005

6.22381

SREF = 5500.0000 SQ.FT. XMRP	= 1339.9100 IN.XC	ALPHAW = 8	.125 RN/L = 1.090
LREF = 327.8000 IN. YMRP	= .0000 IN.YC		$.000  ext{ ELEVTR} = -23.000$
BREF = $2348.0000 \text{ IN.}$ ZMRP	= 190.7500 IN.ZC		.000 ELEVON = -5.000
SCALE = .0400		BDFLAP = -11	.700

RUN NO.	497/	0	RN/L =	.00	GRADIENT	INTERVAL	<b>E</b> .	-5.00/ 5.00	

MACH	GP	ALPHAW	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6	BETA
.154	11.340	8.12496	35.14794	00235	01307	00401	02656	05405	03767	00000
. 154	11.582	8.10205	35.13023	.00427	00667	.00250	03250	05950	04404	.00000
. 154	20.972	8.07818	35.04924	00730	01825	01010	03221	05920	04310	.00000
. 154	36.959	8.16592	35.20649	03633	04713	04206	02356	05157	03346	.00000
. 154	52.459	8.23187	35.00213	03988	05168	04686	01657	04462	02600	.00000
. 154	73.641	8.24647	35.19375	04924	06158	05747	01519	04302	02400	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF498) ( 01 JUN 76 )

PARAMETRIC DATA

## REFERENCE DATA

SREF	* 5500.0000 SQ.FT. XMRP =	1339.9100 IN.XC	ALPHAW =			
	= 327.8000 IN. YMRP =		STAB =	-2.000	ELEVTR =	-23.000
	= 2348,0000 IN. ZMRP =	190.7500 IN.ZC	10RB =	6.000	ELEVON =	-5.000
CCALE			PDFI AP =	-11 700		

## RUN NO. 498/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW	Q(PSF) CP1	CP2	CP3	CP4	CP5	CP6	BETA
.154 11.242 10.13256	35.1510300882	01513	-,00881	04041	06371	04918	.00000
.154 11.587 10.08095	35.1790600929	01579	00965	04149	06667	05157	.00000
.154 20.518 10.10779	35.1577902471	03118	02678	03816	06402	04776	.00000
.153 36.852 10.15753	34.7557904870	05660	05414	02449	05040	03154	.00000
.155 52.287 10.15991	35.2920705791	06523	06285	03114	05697	03737	.00000
.154 83.938 10.22401	35.1775506216	07010	06749	03724	06198	04233	.00000
GRADIENT .00000	.00000 .00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-B) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF499) ( 01 JUN 76 )

## PARAMETRIC DATA

SRE	= =	5500.0000 S	a.ft, x	(MRP =	1339.9100	IN.XC			ALPHAW =			1.090
LRE	= =	327.8000 I	N. Y	MRP =	.0000	IN.YC			STAB =	-2.000	ELEVTR =	-23.000
BRE	=	2348.0000 I	N. Z	MRP =	190.7500	IN.ZC			IORB =		ELEVON =	-5.000
SCA	_E =	.0400							BDFLAP =	-11.700		

## RUN NO. 499/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	GP	ALPHAW	Q(PSF)	CPI	CP2	CP3	CP4	CP5	CP6	BETA
. 155	20.304	12.14629	35.21560	03602	04068	03515	05298	07655	05974	.00000
. 154	23.594	12.14745	35.20122	04405	04849	04499	04940	07227	05561	.00000
.154	39,594	12.13790	34.77986	06198	06765	06443	04556	06864	04950	.00000
. 154	55,100	12.17645	35.18011	07799	08404	08304	04743	06962	0498	.00000
. 155	97.411	12.29176	35.26617	08622	09360	09147	05698	07798	0F 37	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

## (CA-B) K3.1TS7H15.6.1F20TS401G5.3.5

## (PJF500) ( 01 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

PARAMETRIC DATA

## REFERENCE DATA

SREF = 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC LREF = 327.8000 IN. YMRP = .0000 IN.YC BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC	ALPHAW = .171 STAB = -2.000 IORB = 8.000 BDFLAP = -11.700	RN/L = 1.090 ELEVTR = -23.000 ELEVON = -5.000 GRD PL = 11.000
SCAF = .0400		

RUN NO. 500/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH .154	GP 11.278	ALPHAW .17075 35	Q(PSF) 5,13942 .00000	CP1 .01460 .00000	CP2 00279 .00000	CP3 01719 .00000	CP4 04637 .00000	CP5 06236 .00000	CP5 05452 .00000	.00000 .00000
	GRADIENT	. 00000	. 00000	, 55555	• =					

(CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF501) ( 01 JUN 76 )

### REFERENCE DATA

SR LR BR	EF =	5500.0000 327.8000 2348.0000	IN.	XMRP = YMRP = ZMRP =	.0000	IN.YC		ALPHAW = STAB = IORB = BDFLAP =	4.131 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
SC	ALE =	.0400									

RUN NO. 501/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW 01PSF1 CP1 CP2 .155 11.331 4.13130 35.22740 .01013004 .155 12.843 4.12436 35.23518 .01013004 .154 22.084 4.09739 35.0921100754028 .153 53.172 4.16301 34.7259202689040 .6RADIFNI .00000 .00000 .00000 .000	2 .0021202462 330173002076 390397600704	04270	CP6 03532 03493 03073 01618 .00000	BETA .00000 .00000 .00000 .00000
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(CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF502) ( 01 JUN 76 )

### REFERENCE DATA

		工作的 医动物外 计多数记录				ALPHAW =	6.158	RN/L = 1.090
SREF =	5500.0000	SQ.FT. XMRP =	1339.9100			STAB =	-2.000	ELEVTR = -23.000
LREF =	327.8000			IN.YC		10RB =	8.000	ELEVON = -5.000
BREF =	2348.0000		190.7500	IN.ZC		BDFLAP =		
CCALE -	nunn	하게 되는 경기가 되었다.				BUFLAP -	-11.700	

RUN NO. 502/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW Q(PSF) CP1 .154 11.341 6.15817 35.08917 .00642 .155 53.070 6.14929 35.4768503253 GRADIENT .00000 .00000	CP2 CP300809 .003810470704007 .00000 .00000	CP4 CP502575051370123503885 .00000 .00000	CP6 BETA 03843 .00000 02307 .00000 .00000 .00000	0
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<u>∡</u>

DATE 06 JUL 76

# CA-B - FORCE SOURCE DATA TABULATION

# (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

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(PJF503) ( 01 JUN 76 )

# REFERENCE DATA

SREF = 5500.0000 SQ.FT.	XMRP =	1770 0100 111 11-
LREF = 327.8000 IN.	YMRP =	1339.9100 IN.XC
BREF = 2348.0000 IN.		.0000 IN.YC
SCALE = .0400	ZMRP =	190.7500 IN.ZC

## PARAMETRIC DATA

ALPHAW =	8.117	RN/L =	1 000
STAB =			1.090
· · · <del>-</del>	-2.000	ELEVTR =	-23.000
IORB =	8.000	ELEVON =	-5.000
BDFLAP =	-11.700		-3.000

	2031 D BV	<b>1</b> /L =	.00	GRADIENT	INTERVAL	-5.00/	5.00
GP ALPHAW	O(PCE)	60.		22 3 4 4 4 4			7 - 7

.155 11.340 .154 11.653 .154 21.041 .155 52.506 GRADIENT	ALPHAW 8.11703 8.09650 8.09395 8.15167 .00000	Q(PSF) 35.19766 35.17980 35.10055 35.40848 .00000		CP2 00708 00022 02415 04856 .00000	CP3 .00359 .01048 01567 04316 .00000	CP4 02421 03559 +.02621 02055	CP5 05319 06389 05492 04908 .00000	CP6 03621 04844 03849 03119	BETA .00000 .00000 .00000 .00000
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## (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

## (PJF504) ( 01 JUN 76 )

## REFERENCE DATA

SREF =	5500.0000 5	Q.FT. XMRI		
	327.8000 1			100 IN.XC
	2348.0000 1		• •	000 IN.YC
SCALE =		N. ZMRI	$^{\circ}$ = 190.7	500 IN.ZC
	.0400			

## PARAMETRIC DATA

ALPHAW STAB	; ≅ ==	10.134		=	1.090
LORR	=	-2.000	ELEVTR		-23.000
BDFLAP	_	8.000	ELEVON	= .	-5.000
DUI LA	_	-11.700			

L OIA	NU.	5047 N	PN/I	- 00	00.5.			
		· ·	MAY L	= .00	GRADIENT	INTERVAL	-	-5.00/ 5.00
						TATE OF THE PARTY	-	-J.00/ 5.1111

MACH GP	C) Direct	and the state of the state of					0.00		
.154 11.327 .154 52.541 GRADIENT	ALPHAW 10.13416 10.14988 .00000	0(PSF) 35.03753 35.17684 .00000	CP1 00462 05721 .00000	CP2 01065 06574 .00000	CP3 00163 06145 .00000	CP4 04109 02792 .00000	CP5 06876 05556 .00000	CP6 05263 03505 .00000	BETA .00000 .00000

## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(PJF505) ( 01 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

								TANAMETHIC DATE	
LREF	<ul><li>327.</li><li>2348.</li></ul>	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	.0000	IN.YC				L = 1.090 VTR = -23.000 VON = -5.000
			RUN NO.	505/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	
	MACH .155 .155 .153	GP 20.327 23.640 55.123 GRADIENT	ALPHAW 12.11799 12.13657 12.23259 .00000	Q(PSF) 35.19894 35.23311 34.53208 .00000	CP1 04083 04858 07783 .00000	CP2 04437 05163 08299 .00000	CP3 03911 04827 08174 .00000	CP4         CP5         CP6          05438        08138        06375          04978        07620        05814          04494        07023        04957           .00000         .00000         .00000	BETA .00000 .00000 .00000 .00000
				(CA-8)	K3.1TS7	F20TS40165	.3.5	(PJF506)	( 16 JUN 76 )
		REFERENCE DA	TA					PARAMETRIC DATA	4
	= 327. = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPHAW = .111 RN/L 10RB = 8.000 ELEY BDFLAP = -11.700 GP	VON = 1.090 -5.000 = 11.000
			RUN NO.	506/ 0 RI	N/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	
	MACH .155	GP 11.277 GRADIENT	ALPHAW .11054 .00000	Q(PSF) 35.31662 ,00000	CP1 .00577 .00000	CP2 01611 .00000	CP3 00943 .00000	CP4 CP5 CP6050280683805864 .00000 .00000 .00000	BETA .00000 .00000
				(CA-8) F	<b>&lt;3.</b> 1TS7	F20T540165	.3.5	(PJF507)	( 01 JUN 76 )
		REFERENCE DA	TA					PARAMETRIC DATA	
	= 327.; = 2348.	0000 SQ.FT. 8000 IN. 0000 IN. 0400	XMRP = YMRP = ZMRP =	.0000	IN.YC			ALPHAW = 4.088 RN/L 10R8 = 8.000 ELEV BDFLAP = -11.700	= 1.090 /ON = -5.000
			RUN NO. !	507/ 0 RI	V/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	
	MACH .155 .155 .154 .154	GP 11.331 14.194 22.788 54.002 GRADIENT	ALPHAW 4.08823 4.07457 4.04384 4.23509 .00000	0(PSF) 35.43596 35.49002 35.00554 34.76722 .00000	CP1 .01790 .01295 00358 02488 .00000	CP2 00029 - 00867 02106 04290 .00000	CP3 .01184 .00300 01153 03500 .00000	CP4 CP5 CP6035340583804594031880559004316021800473303395010900377902250 .00000 .00000 .00000	BETA .00000 .00000 .00000 .00000

DATE 06	JUL 76	CA-8 - FORCE SOURCE	DATA TABULAT	TION			PAGE 649
		(CA-B) F	(3.1TS7	F20TS401G5.3.5		(PJF508) (	01 JUN 76 )
	REFERENCE D	ATA					
SREF =	5500 0000 CO CT	tija <u>ji de</u> lada k <u>ilo</u> ke je ku				PARAMETRIC DATA	
LREF = BREF * SCALE *	5500.0000 SQ.FT. 327.8000 IN. 2348.0000 IN. .0400	XMRP = 1339.9100 YMRP = .0000 ZMRP = 190.7500	IN.YC		ALPHAW = IORB = BDFLAP =	6.138 RN/L 8.000 ELEVON -11.700	# 1.090 1 = -5.000
		RUN NO. 508/ 0 RN	I/L = .00	GRADIENT INTERVA	L = -5.00/ 5.00		
	MACH GP .155 11.341 .154 54.101 GRADIENT	ALPHAW 0(PSF) 6.13801 35.36399 6.14705 34.94710 .00000 .00000	CP1 .01569 03027 .00000	CP2 CP3 00033 .01231 0458003743 .00000 .00000	CP4 CP5 026890514 014350414 .00000 .0000	02351	BETA .00000 .00000 .00000
		(CA-8) K	3.1157	F20TS401G5.3.5		(D. EEROO)	
	REFERENCE DA			. 20.0.0.03.3.3		(PJF509) (	01 JUN 76 )
					· •	ARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	5500.0000 SQ.FT. 327.8000 IN. 2348.0000 IN. .0400	XMRP = 1339.9100 YMRP = .0000 ZMRP = 190.7500	IN.YC		ALPHAW = 1 ORB = BDFLAP =	8.116 RN/L 8.000 ELEVON -11.700	= 1.090 = -5.000
		RUN NO. 509/ 0 RN.	/L = .00	GRADIENT INTERVAL	. = -5.00/ 5.00		
	ACH GP 154 11.340 154 12.578 154 22.258 154 53.670 GRADIENT	ALPHAW 0(PSF) 8,11593 35.08040 8.09589 35,10248 8.07638 34,95220 8.19533 35.12574 .00000 .00000	CP1 .00587 .00533 01569 04372 .00000	CP2 CP3 00739 .00638 00692 .00568 0284901763 0571504899 .00000 .00000	CP4 CP5038720638035040599026640539026640539	404438 703541 503415	BETA .00000 .00000 .00000 .00000

## (CA-8) K1.2H15.6.1F30G5.3.5TS2

(PJF510) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

		기타 그는 데 [편]								PARAMETRI	C DATA	
SREF LREF BREF SCALE	* * *	5500.0000 327.8000 2348.0000	IN. YMRP	=	.9100 IN.XC .0000 IN.YC .7500 IN.ZC				BETA = STAB = GP =	.000 -6.000 65.000	RN/L = ELEVTR =	1.090
			RUN NO.	510/ 0	RN/L =	.00	GRADIENT INTE	ERVAL = -5.	00/ 5.00			
		MACH . 154 . 154 . 155 . 155 . 154 . 154 . 154 . 155 . 154 . 155	ALPHAW .294 1.347 2.327 3.318 4.285 5.392 6.367 7.370 8.361 9.500 10.524 11.459 12.488 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.03235 35.06984 35.17299 35.22056 35.20501 35.02539 35.02539 35.16F52 35.16505 35.27654 35.18047 35.19465 .04993	CP10499904339051090493806144059260649407307078030878609924110031207700286	06046 06755 06491 07524	CP30579204946056570540906595062370691207475078810873809846108341200600203	CP4035420347003256029180352003678042820476505547064160737308164 .00148	CP507041070780714806975068470733007492081530861009384101991111811801 .00049	CP60509805031049310472204356048950554805548055460733208927 .00179	

DATE 06 JUL 76

## CA-B - FORCE SOURCE DATA TABULATION

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ILA-HI	KI.2H15.	C 12700	 

## (PJF511) ( 01 JUN 76 )

BRFF = 2349 0000 14	339.9100 .0000 .90.7500	IN.YC
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REFERENCE DATA

BETA	= -	.000	RN/L =	1.090
STAB	= '.'	-4.000	ILEVIR =	.000
GP	==	65,000		.000

PARAMETRIC DATA

								03.000	
MACH . 154 . 154 . 154 . 154 . 154 . 154	RUN NO ALPHAW .340 1.263 2.383 3.340 4.373 5.469 6.358	0. 511/ 0  BETA .00000 .00000 .00000 .00000 .00000	RN/L =  O(PSF)  35.05355  35.09389  35.09566  35.08749  35.12277  35.12277  35.12835	.00 GRA CP105518055680518905796057820632006844	CP2 06257 06293 05902 05743 06354 06892	CP3 06611 06502 06051 05302 06302 06776	CP4 02877 02869 02554 02551 02586 02870	CP506594065690595706261065479	CP6 05182 05075 04306 04526 04718
.154 .154 .154 .154 .155 .154	7.414 8.489 9.474 10.453 11.505 12.499 GRADIENT	.00000 .00000 .00000 .00000 .00000	35.13169 35.06700 34.98798 35.05265 35.42344 35.10992 .01293	07313 08051 09294 10116 11036 12301 00001	07201 07750 08389 09518 10370 11216 12345 .00036	06975 07595 08169 09318 10240 1163 12231 .00130	03363 03817 04628 05238 05953 06739 08645 00032	05980 07505 08288 08822 09487 10214 11971 .00043	04890 05242 05934 06380 06966 07519 09379 .00148

- 11

23

2.4

## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K1.2H15.6.1F30G5.3.5TS2

(PJF512) ( 01 JUN 76 )

#### REFERENCE DATA

RUN NO. 512/0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00  MACH ALPHAW BETA Q(PSF) CP1 CP2 CP3 CP4 CP5 CP6 .154 .293 .00000 35.13202049170559606130030000665405407	10
154 .293 .00000 35.13202049170559606130030000665405407	
1101	
155 1.317 .00000 35,20985050650557905999028050628204926	
1076	
.154 3,300 0,0000 35,1367205539 +.0609906237027250623506235045750457504639	
.00000 35.127090623406720030680306804678	
154 6.501 .00000 35.12081064160688206752036380702805055	
\$\text{\langer} \text{\langer} .155 8.377	
.154 9.399 ,00000 35.09176091980950609296055560892506566	
10.10.00	
-11001 -11064 -11.456 -10000 35.18753 -11001 -11237 -11064 -107372 -10652 -108052	
GRADIENT .0000000847002210019100065 .00031 .00058 .00186	

DATE	06 JUL	78

CA-8 - FORCE SOURCE DATA TABULATION

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			(CA	(-8) KI.5	F30G5.3.5TS2			(PJF51	3) ( 01 JUN	76 )
	REFEREI	NCE DATA						PARAMETRIC	DATA	
LREF =	500.0000 S0 327.8000 It 348.0000 It	V. YMRP		9100 IN.XC 0000 IN.YC 7500 IN.ZC			BETA = GP =	.000 65.000	RN/L =	1.090
		RUN NO.	513/ 0	RN/L =	.00 GRADIENT INTE	ERVAL = -5.	00/ 5.00			
	MACH . 154 . 154 . 154 . 154 . 155 . 154 . 155 . 155 . 155 . 155	ALPHAW .326 1.341 2.452 3.303 4.387 5.361 6.363 7.257 8.419 9.417 10.463 11.473 12.455 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.17658 35.09152 35.09557 35.16714 35.13430 35.22659 35.14498 35.15832 35.20236 35.12279 35.24695 35.18892 35.2394700147	CP1	CP3056330554805329052630590405902068860674407717083800912110213115180026	CP40412703392032320360503202035720381404471050970559306447075980907809166	CP506753060200593406329059650637106620073060789808359091821037411746 .00130	CP60529904502045020461104082043710497205569058390656210762108947 .00235	

TSI (CA-8) K1.2

(PJF514) ( 01 JUN 76 )

RN/L

PARAMETRIC DATA

## REFERENCE DATA

XMRP = 1339.9100 IN.XC SREF = 5500.0000 SQ.FT. YMRP = .0000 IN.YC LREF = 327.8000 IN. ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN.

.000 BETA 65.000 GP

1.090

.0400

SCALE =

GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 514/ 0 RN/L = .00

MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 154 . 154	4.187 5.220 6.242 7.248 8.267 9.248	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.22724 35.25887 35.03207 35.23642 35.24570 35.23131 35.15472 35.22562 35.16013 35.07180 35.07384 03559	CP10659705979056640554110533706408070890708907089083950917910140 .00143	CP20865008056074080687307031080860870408546098951066211536	CP308894078190683206402061840723807595089660970610653	CP4 07403 05879 04860 05016 05156 05492 06110 06719 07748 08388 .00566	CP509218076520572806716067210686307776083330933409830	CP6 08794 08928 04502 05338 05391 05368 05568 06074 06437 07292 07856 . 00692
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rs1 (CA-8) K1.2

(PJF515) ( 01 JUN 76 )

#### REFERENCE DATA

XMRP = 1339.9100 IN.XCSREF = 5500.0000 SQ.FT. YMRP = .0000 IN.YC LREF = 327.8000 IN.

ZMRP = 190.7500 IN.ZC BREF = 2348.0000 IN. SCALE = .0400

PARAMETRIC DATA

1.090 RN/L .000 BETA 87.000 GP

GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 515/ 0 RN/L = .00

MACH ALPHAW BETA .154 8.257 .00000 .155 9.285 .00000 .155 10.315 .00000 .155 11.289 .00000 .155 12.321 .00000 GRADIENT .00000	Q(PSF) CP1 CP2 35.121810648308118 35.208010748909146 35.174970814809753 35.185290905810621 35.254141016411649 .00000 .00000 .00000	CP3 CP407240060460814906568086840716909618081671070308964 .00000 .00000	0777006138 0816605398 0874706896 0962507685 1031508396 .00000 .00000
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(CA-8) K1.2 TS1

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(PJF516) ( 01 JUN 76 )

## REFERENCE DATA

	5500.0000			1339.9100 IN.XC
DDE	327.8000 2348.0000	111	, =	.0000 IN.YC
SCALE =	.0400	IN. ZMRP	-	190.7500 IN.ZC

BETA GP	, <del>=</del> ,	.000 45.000	RN/L	<b>.</b>	1.090

	KON NO. 21PV	U RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW BETA .146 .0000 1.167 .0000 2.172 .0000 3.187 .0000 4.185 .0000 5.218 .0000 6.224 .0000 7.230 .0000 8.265 .0000 9.261 .0000 10.299 .0000 11.274 .0000 GRADIENT .0000	0 35.21609 0 35.28023 0 35.27707 0 35.31840 0 35.4356 0 35.18029 0 35.12204 0 35.12204 0 35.12986 0 35.17074 0 35.21696	CP10582305357053170519505191051410541605683060754072850824209427	CP2079830725006977070350698507231075370788908483089480998511000 .00217	CP307749070170685706510064240652406576068130747107878387783998100313	CP40600405295048730478304532045320452005864059080677808410 .00272	CP507698070960649806436058890605506465073670736608145089671	CP60701006232056440541005287046490495305824056270631207701

#### (CA-8) K1.2H15.1TS1

#### (PJF517) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP	= 1000	.9100 IN.XC .0000 IN.YC .7500 IN.ZC			BETA = STAB = GP =	.000 -2.000 45.000	RN/L = ELEVTR =	1.090
		RUN NO.	517/ 0	RN/L =	.00 GRADIE	NT INTERVAL =	-5.00/ 5.00			
	MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW .137 1.128 2.148 3.201 4.219 5.235 6.282 7.282 8.306 9.269 10.301 11.303 12.277 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.22009 35.23349 35.23881 35.19844 35.26457 35.06920 35.15992 35.18785 35.17097 35.25062 35.25845 35.25845 35.41661	055130515005283045980524805051054110580806196067580725008956	P2	0604521 0404361 0604074 0703698 0303590 0504332 0604576 0104921 0205606 0806670 0907398 0607828	CP5073140658506407060980572106284065180683807446085460922609512 .00353	CP6064660559505259048340440404285046830484405033054760651307356 .00477	

#### (CA-8) KI.2HI5.ITSI

#### (PJF518) ( 01 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SRE! =	= 5500.0000		XMRP	= 1339.9100	IN.XC		 BETA =	.000	RN/L =	
LREF :			YMRP		IN.YC		STAB =	-2.000	ELEVTR =	1.090
BREF :	C5.0.0000	IN. Z	ZMRP	= 190.7500	IN.ZC		GP =	87.000	ELEVIN -	. 000
SCALE =	0400					tage of the second	<b>~</b>	87.000		

	NOIN INU.	2197.0	MN/L = .U	U GRADIENT	INTERVAL = -5	.00/ 5.00		
MACH .155 .155 .155 .154 .155	ALPHAW 8.275 9.260 10.305 11.291 12.293 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000	35.18869 35.20471 35.18079 35.14335 35.21351	P1 CP2 06398081 07041088 07831095 08657103 09726113 00000 .000	0407902 2208566 1509421 4510508	CP4 05211 06184 06941 07681 08162	CP5 07136 08036 08714 09468 09788 .00000	CP60531306148066990732507608

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#### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 657

	1.2H	

35.06155

.00000

.00000

(PJF5!9) ( 01 JUN 76 )

		- 1	

#### PARAMETRIC DATA

	101102 011711						· AIMIZINI	, טהוה	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP	= 1339.9100 = .0000 = 190.7500	IN.YC			BETA = STAB = GP =	.000 -2.000 55.000	RN/L = ELEVIR =	1.090
	RUN NO.	519/ 0 RN	/L = .00	GRADIENT IN	ITERVAL = -5.	00/ 5.00			
MACH . 155 . 155 . 154 . 154 . 155 . 154 . 154 . 155	ALPHAW 4.222 5.214 6.245 7.281 8.261 9.271 10.276 11.306 12.317 GRADIENT	.00000 35.1 .00000 35.1 .00000 35.1 .00000 35.1 .00000 35.1 .00000 35.1 .00000 35.1	292206 824906 162906 412107 395008	56707470 75507593 32108300 17107964 56708344 54709261 78410638	06953 06954 07471 07126 07474 08329 09702	CP403738042730452305044053500522906407072290803900000	CP5056770617706370068710721507076081530886609599 .00000	CP6043590472104790051170543905168061420570607482 .00000	
		(CA-8) K	1.2415.1751				(PJF58	:0) ( 01 JL	JN 76 )
REFE	RENCE DATA						PARAMETRIC	DATA	
SREF = 5500.0000 LREF = 327.8000 BREF = 2348.0000 SCALE = .0400	IN. YMRP	= 1339.9100 = .0000 = 190.7500	IN,YC			BETA = STAB = GP =	.000 .000 65.000	RN/L = ELEVTR =	1.090
	RUN NO.	520/ 0 RN	/L = .00	GRADIENT IN	TERVAL = -5.	00/ 5.00			
MACH 155 154 154 154 154 155 154	ALPHAW 4.203 5.244 6.283 7.264 8.275 9.284 10.339 11.300	.00000 35.2 .00000 35.0 .00000 35.0 .00000 35.1 .00000 35.1	3259049 4089059 3725059 0426069 7828079	96207071 53107623 55507392 52508033	06369 06796 06485 07027 08025	CP40412703914044450464204777057159658807673	CP505967057320619406382065050738608213	CP60465304353046430474504666054860621907075	

-.08405 -.09714 -.10580 .00000

.00000

.00000

.00000

(CA-8) K1.2H15.1TS1

(PJF521) ( 01 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF =	5500.0000 SQ.FT. XMRP	= 1339.9100	D IN.XC	BETA = .000	RN/L = 1.090
LPEF =			O IN.YC	STAB = -4.000	ELEVTR = .000
BREF =	2348.0000 IN. ZMRP	= 190.7500	D IN.ZC	GP = 65.000	
SCALE =	-0400				
	RUN NO.	521/0 8	RN/L = .00 GRADIENT INTERVAL = -	-5.0(/ 5.00	

MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	C=# ,	CP5	CP6
. 155	4.210	,00000	35.18620	04904	07138	06498	C+531	06240	04922
. 155	5.199	.00000	35.20423	05130	07317	06525	04255	05943	04482
, 154	6.226	.00000	35.11639	05243	07455	06566	078	06123	04555
. 155	7.238	.00000	35.16858	05685	07945	05958	05058	06653	05034
. 155	8.286	.00000	35.18774	06304	08443	07372	35417	06974	05219
. 154	9.262	.00000	35.14573	06964	09052	07947	06245	07741	05914
. 154	10.292	.00000	35.13113	07415	09516	08355	05342	07838	05893
. 155	11.297	.00000	35.20856	08360	10453	09318	-107503	08916	- 06757
. 155	12.319	.00000	35.24397	09334	11311	10274	07858	03154	06984
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K1.2H15.1TSI (INVERTED)

#### (PJF522) ( 01 JUN 76 )

#### REFERENCE DATA

= 5500.0000 SQ.FT. XMRP = 1339,9100 IN.XC	ETA =	.000  RN/L = 1.090
% = 327.8000 IN.	= EAT	-4.000 ELEVTR = .000
= 2348.0000 IN. ZMRP = 190.7500 IN.ZC	<b>=</b> =	65.000

R	RUN NO. 522/ 0 R	N/L = .00 GR/	ADIENT INTERVAL	= -5.00/ 5	.00	
MACH ALPH	IAW BETA Q	(PSF) CP!	CP2 C	P3 CP+	CP5	CP6
.154 3.0	.00000 34.	3991503944	05899	05425059	07615	06498
.155 4.0	.00000 35	1523004096	06093	0539706	31007917	06666
.155 5.0	69 .00000 35.	1272404327	06305	05510368	94008395	07093
.155 6.0		0561104784	05713	05732158	383C8500	07044
.154 7.0		9434205327	07387	06353173	55509075	07554
.155 8.1		2245106023	07952	0674508	09844	08224
.155 9.1		14043 -,06571	09503	0717453	255 - 10528	08775
.155 10.1		2027007639	09538	0810419	11203	09402
.155 11.1		08573	10430	08908:	.1012445	10605
155 12.1		2021309674	1:555	10032 21	C+613395	11350
GRADIE	NT .00000 .	2406300144	03184 .	00027 - 11	00287	00160

1.090

1.090

-.06468

-.08468 -.06515 -.06679 -.07606 -.0893 -.09768 -.10736 -.10736

.00122

-.08048

-.08017

-.08:85

-.09065 -.09628 -.10142

-.11063

-.11941

-.13307

.00123

-.06877

-.06721

-.05795

-.07606 -.07942 -.08513 -.09369 -.10191

-.11469

.00214

-.05450 -.05205 -.05463 -.05697 -.06642 -.07569 -.08073

-. 09299

.00283

-.06113

-.06510 -.06977 -.07752

-.07987

- .08989 - .09643 - .10916

.00124

.000

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DATE 06 JUL 76
                       CA-8 - FORCE SOURCE DATA TABULATION
                                                      (CA-8) K1.2H15.1TS1 (INVERTED)
                     REFERENCE DATA
                                                                                                                                           (PJF523)
                                                                                                                                                         ( 01 JUN 76 )
   SREF
              5500.0000 SQ.FT.
                                                                                                                                     PARAMETRIC DATA
                                       XMRP
                                                   1339.9100 IN.XC
  LREF
               327.8000 IN.
  BREF = SCALE =
                                                    .0000 IN.YC
190.7500 IN.ZC
                                        YMRP
                                               =
                                                                                                                       BETA
              2348.0000 IN.
                                                                                                                                           .000
                                                                                                                                                    RN/L
                                       ZMRP
                                                                                                                       STAB
                    .0400
                                                                                                                                        -2.000
                                                                                                                                                   ELEVTR =
                                                                                                                                       65.000
                                    RUN NO. 523/ 0
                                                             RN/L =
                                                                            .00
                                                                                    GRADIENT INTERVAL = -5.00/ 5.00
                   MACH
                                ALPHAW
                                               BETA
                                                              O(PSF)
                                                                            CPI
                    . 155
                                 3.014
                                                                                                        CP3
-.05637
-.05661
-.05785
                                                                                           CP2
                                               .00000
                                                           35.11133
                    .155
.155
                                                                                                                        CP4
                                                                           -.04100
                                 4.031
                                                                                          -.05080
                                                                                                                                                      CP6
                                               .00000
                                                           35.19226
                                                                                        -.06385
-.06355
-.07291
-.07102
-.07734
-.08747
-.09495
-.10712
-.11534
-.00251
                                                                           -.04447
                                                                                                                       -.05480
                                                                                                                                     -.08105
                                 5.068
                                              .00000
.00000
.00000
.00000
                                                                                                                                                    -.06987
                                                          35.06163
34.95552
34.88716
35.26617
                                                                                                                       -.06368
                                                                           -.04681
-.05397
                    154
                                 6.003
                                                                                                                                                    -.06737
                                                                                                                       -.06585
                                                                                                                                     -.08196
                    . 154
                                 7.035
                                                                                                        -.06421
                                                                                                                                                    -.06862
                                                                          -.05144
-.05782
-.06862
                                                                                                                       -.C70C2
                                                                                                                                     -.08589
-.09192
-.09531
                    . 155
                                 8.043
                                                                                                        -.05099
                                                                                                                                                    -.07189
                                                                                                                       -.07778
                    - 155
                               9.030
                                                                                                       -.05543
-.07491
-.08094
-.09173
-.10056
                                                                                                                                                    -.07692
                                                          35.24048
                                                                                                                      -.08025
                    . 155
                                                                                                                                                    -.07942
                                                          35.05571
                                                                                                                      -.03940
                                                                          -.07619
                                                                                                                                     -.10341
                    . 155
                               11.144
                                                                                                                                                    -.08705
                                               .00000
                                                          35.06279
                                                                                                                      ~.10143
                    .155
                                                                          -.08794
                                                                                                                                     -.11548
                               12.023
                                                                                                                                                    --09746
                                              .00000
                                                                                                                      -.10986
-.11804
.00110
                                                          35.02057
                                                                                                                                     -.12267
-.13022
.00095
                                                                          -.09727
                             GRADIENT
                                                                                                                                                    -.10404
                                                             .07958
                                                                          -.00341
                                                                                                                                                    -.11060
                                                                                                        -.00024
                                                                                                                                                     .00246
                                                  (CA-8) KI.2HI5.ITSI (INVERTED)
                   REFERENCE DATA
                                                                                                                                   (PJF 524)
                                                                                                                                                    ( 01 JUN 76 )
SREF
            5500.0000 SQ.FT.
                                                                                                                                   PARAMETRIC DATA
                                     XMRP
                                                 1339.9100 IN.XC
LPEF
           327.8000 IN.
2348.0000 IN.
.0400
BREF =
SCALE =
                                     YMRP
                                                  .0000 IN.YC
       =
                                                                                                                     BETA
                                     ZMRP
                                                                                                                                        .000
                                                                                                                                                 RN/L =
                                                  190.7500 IN.ZC
                                                                                                                     STAB
GP
                                                                                                                                     -2.000
                                                                                                                                                 ELEVTR =
                                                                                                                                     87.000
                                  RUN NO. 524/ 0
                                                           RN/L =
                                                                         .00
                                                                                  GRADIENT INTERVAL = -5.00/ 5.00
                 MACH
                              ALPHAN
                                             BETA
                                                           O(PSF)
                  . 155
                                            .00000
.00000
.00000
.00000
.00000
                                                                          CPI
                                                                                        CP2
                               -.047
                                                                        -.04314
-.04610
-.04266
-.04284
-.04151
-.04054
                                                        35.18596
                                                                                                       CP3
                                                                                                                                   CP5
-.08650
                                                                                                                      CP4
                  . 154
                                                                                       -.05497
-.06634
-.06192
-.06228
-.06069
                                .965
                                                                                                                                                   CP6
                                                                                                      -.06536
-.06507
                                                        24.91249
                 .155
                                                                                                                     -.07073
                               1.880
                                                                                                                                                  -.07857
                                                        35.02462
                                                                                                                     -.06488
                  . 155
                              3.043
3.943
5.019
                                                                                                                                   -.08188
                                                                                                                                                  -.07237
                                                        35.16274
35.15525
                                                                                                      -.05963
                                                                                                                    -.06138
-.06443
                                                                                                                                   -,07740
-,08115
                 . 155
                                                                                                                                                  -.06767
                                                                                                      -.05813
                 . 155
                                                                                                                                                  -.07008
                                                        35.06452
                                                                                                      -.05450
```

-.04941

-.05810

-.06042

-.07100

-.07765 -.09046

.00064

.155

. 154

-155

. 155

. 155

- !55

.155

6.001

6.953

8.074

9.120

9,938

11.102

GRADIENT

.00000

.00000

.00000

.00000

.00000

.00000

00000

35.13240

34.92344

35.12067

35,25971

35.27215

35.23498

35.19697 .01949

#### CA-8) K1.2H15.ITS1 (INVERTED)

(PJF525) ( 01 JUN 76 )

	REFER	RENCE DATA						PARAMETRIC DATA				
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .0400	IN. YMRP		9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = STAB = GP =	.030 .000 65.000	RN/L = ELEVTR =	000.1 000.	
		RUN NO.	525/ 0	RN/L =	.00 GF	ADIENT INTE	RVAL = -5.1	00/ 5.00				
	MACH .155 .154 .155 .154 .155 .155 .155 .155	ALPHAW 3.029 3.906 5.006 6.000 7.120 8.035 9.059 10.113 11.061 12.129 GRADIENT	BETA .03000 .03000 .03000 .03000 .04000 .04000 .04000 .04000 .04000 .04000 .04000	0(PSF) 35.06263 34.94003 35.08018 34.91963 35.05382 35.26312 35.2668 35.18735 35.19712 35.15459 13980	CPI 04246 04298 04671 04666 05677 05609 06503 07948 08543 09182 09182	CP2 06229 06328 06639 06909 07702 07621 08502 09887 10526 11185 00113	CP305746056910585206038064510645107!-/C084480895709512 .00063	CP4 06083 06184 06534 06990 0773 08004 08471 09891 10933 11908 00115	CP50773007737080520840409175093700976811185121251308500008	CP606548065300669407039076570784908115093981030311176 .00021		
			CCA	-8) KI.2	TS1 (INVE	RTED			(PJF58	26) (0) J	JN 76	
	REFER	ENCE DATA							PARAMETRIC	DATA		
SREF = LREF = BREF = SCALE =	5500.0000 327.8000 2348.0000 .9400	IN. YMRP	± .	9100 IN.XC 0000 IN.YC 7500 IN.ZC				BETA = GP =	.000 45.000	RN/L =	1.090	
		RUN NO.	526/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.0	00/ 5.00				
	MACH .154 .155 .155 .155 .155 .155	ALPHAW 7.095 8.105 9.015 10.083 11.105 12.080 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 34.91459 35.03422 35.12950 35.08333 35.04669 35.08806 .00000	CP1 05799 06952 07700 08901 10441 11076 .00000	CP2 07741 08811 09538 10725 12257 12862 .00000	CP3 06585 07633 08168 09314 10832 11339 .00000	CP4 07540 07515 08682 09677 10787 11707 .00000	CP5090280947610152111041217213033 .00000	CP6 07552 07826 08488 09331 19236 11024 .00000		

```
DATE 06 JUL 76
                                         CA-8 - FORCE SOURCE DATA TABULATION
                                                                                                                                                                                                 PAGE 661
                                                                   (CA-8) K1.2
                                                                                        TSI (INVERTED)
                          REFERENCE DATA
                                                                                                                                                                         (PJF527)
                                                                                                                                                                                        ( 01 JUN 76 )
   SREE
                 5500.0000 SO.FT.
                                                                                                                                                                  PARAMETRIC DATA
                                                 XMRP
                                                         =
                                                             1339.9100 IN.XC
   LREF
                   327.8000 IN.
                                                 YMRP
                                                                .0000 IN.YC
   BREF =
                                                                                                                                                  BETA
GP
                 2348.0000 IN.
                                                                                                                                                                         .000
                                                 ZMRP
                                                                                                                                                                                    RN/L
   SCALE =
                                                         =
                                                                190.7500 IN.ZC
                                                                                                                                                                                                         1.090
                         .0400
                                                                                                                                                                     65.000
                                            RUN NO.
                                                           527/ 0
                                                                           RN/L =
                                                                                                       GRADIENT INTERVAL = -5.00/ 5.00
                                                                                            .00
                       MACH
                                        ALPHAN
                                                          BETA
                                                                           Q(PSF)
                                                                                                                              CP3
-.05821
-.05585
-.05983
-.06365
-.06468
-.06707
-.07763
-.08327
                         .155
                                                                                             CP1
                                         2.958
                                                                                                               CPS
                                                          .00000
                                                                                                            CP2
-.06258
-.06268
-.06781
-.07223
-.07539
-.07906
-.09023
-.090640
-.10483
-.11728
-.00028
                                                                        75.03711
                                                        .00000
.00000
.00000
.00000
.00000
.00000
.00000
                                                                                                                                                   CP4
                         . 154
                                                                                            -.04399
                                         3.951
                                                                                                                                                                    CP5
                                                                                                                                                                                      CP6
                                                                                                                                                 -.05057
-.05914
-.06599
-.06842
-.07472
-.07880
                                                                        34.92312
                                                                                                                                                                  -.07868
-.07601
-.08259
-.08520
                         . 154
                                                                                            -.04347
                                         5.036
                                                                       34.87945
35.03737
35.14386
35.2279
35.23544
35.23766
                                                                                                                                                                                     -.06781
                                                                                           -,04947
                         .155
                                                                                                                                                                                    -.05502
-.05983
                                         6.015
                                                                                          -.05387
-.05857
-.06024
                         .155
                                         7.031
                         .155
                                         8.126
                                                                                                                                                                                    -.07134
                         .155
                                                                                                                                                                   -.09118
                                        9.045
                                                                                                                                                                                    -.07592
                        .155
                                                                                           -.07177
                                                                                                                                                                   -.09505
                                       10.022
                                                                                                                                                                                    -.07912
                                                                                                                                                 -.08579
                        . 155
                                                                                           -.07907
                                                                                                                                                                  -.10157
                                       11.151
                                                                                                                                                                                    -.08472
                                                                                                                                                -.09554
-.10664
-.11898
-.00153
                                                                       35.18616
35.22754
                        .155
                                                                                           -.08703
                                                                                                                                                                  -.10982
                                       12.122
                                                                                                                              -.08999
-.10202
-.00235
                                                                                                                                                                                    -.09237
                                                                                                                                                                  -.12036
-.13295
.00266
                                                                                           -.09967
                                   GRADIENT
                                                                                                                                                                                    -.10228
                                                                        -.11365
                                                                                            .00052
                                                                                                                                                                                    -.11365
                                                                                                                                                                                     .00278
                                                               (CA-8) K1.2
                                                                                          TSI (INVERTED)
                       REFERENCE DATA
                                                                                                                                                                      (PJF528)
                                                                                                                                                                                       ( DI JUN 76 )
SREF =
LREF =
BREF =
SCALE =
               5500.0000 SQ.FT.
                                                                                                                                                                PARAMETRIC DATA
                                             XMRP
                                                            1339.9100 IN.XC
                327.8000 IN.
                                              YMRP
                                                                   .0000 IN.YC
                                                                                                                                               BETA
               2348.0000
                                                                                                                                                                   - 000
                                             ZMRP
                                                                                                                                                                                 RN/L
                                                              190.7500 IN.ZC
                                                                                                                                                                                                      1.090
                     .0400
                                                                                                                                                                  87.000
                                          PUN NO.
                                                        528/ 0
                                                                        RN/L =
                                                                                         .00
                                                                                                    GRADIENT INTERVAL = ~5.00/ 5.00
                     MACH
                                     ALPHAW
                                                                    Q(PSF)
34.98914
35.32740
34.99799
35.05388
35.10337
35.14249
35.03018
                                                      BETA
.00000
                      .155
                                                                                          CP1
                                     -.049
                                                                                                            CP2
                                                                                                                              CP3
                                                                                        -.04507
-.04622
                                                                                                                                                CP4
                      . 155
                                     1.031
                                                                                                                                                                  CP5
                                                                                                          -.06408
-.06462
                                                                                                                                                                                   CP6
                                                       00000.
                                                                                                                            -.06593
                                                                                                                                              -.06719
-.06174
                      . 155
. 155
                                                                                                                                                                                 -.07561
-.06978
-.07040
-.05668
                                                                                                                                                                -.08455
                                      2.058
3.067
                                                                                                                            -.06438
                                                                                                                                                                -.08043
                                                                                         -.04379
                                                                                                          -.06129
                                                       .00000
                                                                                                                            -.05999
                                                                                                                                              -.06305
                      - 155
                                                                                         -.04248
                                                                                                                                             -.06305
-.06039
-.06573
-.06721
-.07669
-.08537
-.08731
-.09615
-.10926
                                                                                                                                                                -.08096
                                      4.094
                                                                                                          -.06047
                                                       .00000
                                                                                                                            -.05631
                                                                                                                           -.05631
-.05327
-.05979
-.06016
-.06346
-.07080
-.07688
-.07688
-.08954
-.09763
                      .155
                                                                                        -.04140
                                                                                                                                                                -.07794
                                      5.112
                                                                                                          -.05898
                                                       .00000
                                                                                                         -.03898
-.05645
-.06811
-.07324
-.07789
-.09316
-.39912
                      .155
                                                                                        - 04885
                                                                                                                                                                -.08262
                                      5.024
                                                                                                                                                                                 -.06988
                                                      .00000
                                                                                                                                                                -.08445
                      . 155
                                                                                        -.05072
                                      7.072
                                                                   35.09025
35.15219
35.07390
35.12719
34.98255
35.09097
-.00377
                                                                                                                                                                                 -.07059
                                                      .00000
                                                                                       -.05609
-.05609
-.06066
-.05629
-.07369
-.08725
-.09592
.00107
                                                                                                                                                               -.08901
-.09366
-.10144
                      . 155
                                                                                                                                                                                 -.07371
-.07862
                                     8.059
                                                      .00000
                      -155
                                    10.110
3.989
                                                      .00000
                                                                                                                                                                                -.08546
-.08682
-.09336
-.10537
                      .155
                                                      .00000
```

-.10372

-.11185

.00139

-- 19371

--11136

-.12359

-.13350

.00062

-- 11432

-00142

-.11864

.00043

::55

.155

11.123

12.137

GRADIENT

.00000

.00000

.00000

		(CA-B) K1.2	TS2F30 (INVERTED)		(PJF529) ( 01 JUN 76 )		
	REFERENCE DATA				PARAMETRIC DATA		
SREF = LREF = BREF = SCALE =	5500.0000 S0.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= .0000 IN.YC		BETA = GP =	.000 RN/L = 1.090 65.000		
	RUN NO	. 529/ 0 RN/L =	.00 GRADIENT INTE	ERVAL = -5.00/ 5.00			
	MACH ALPHAW .155 3.198 .155 4.240 .154 5.261 .155 6.287 .155 7.274 .155 8.345 .155 9.233 .155 10.296 .155 11.269 .155 12.225 GRADIENT	BETA 0(PSF) .00000 35.04157 .00000 35.01809 .00000 35.09554 .00000 35.09540 .00000 35.15968 .00000 35.10115 .00000 35.08501 .00000 34.98990 .0000002254	CP1 CP203718055000451906195052460673905917072120635607566075090860908474095290979610764107151155112253129690076900667	CP3 CP4 -,0425905681 -,0489205823 -,0545506089 -,0587506603 -,0615307228 -,0716808443 -,0811509173 -,0937810126 -,1016711544 -,1172212588 -,0060700136	CP5		
		(CA-8) K1.2	TS2F30 (INVERTED)		(PJF530) ( 01 JUN 78 )		
	REFERENCE DATA				PARAMETRIC DATA		
SREF = LREF = BREF = SCALE =	5500.0000 SQ.FT. XMRP 327.8000 IN. YMRP 2348.0000 IN. ZMRP .0400	= 1339.9100 IN.XC = .0000 IN.YC = 190.7500 IN.ZC		BETA = GP =	.000 RN/L = 1.090 87.000		
	RUN NO.	530/ 0 RN/L =	.00 GRADIENT INTE	RVAL = -5.00/ 5.00			
	MACH ALPHAW .155 .179 .154 1.135 .155 2.239 .155 3.161 .155 4.169 .155 5.319 .155 6.169 .155 7.300 .155 8.338 .154 9.300 .155 10.313 .155 11.339 .155 12.315 GRADIENT	BETA 0(PSF) .00090 35.24062 .00000 34.90961 .00000 35.23468 .00000 35.12281 .00000 35.12281 .00000 35.12980 .00000 35.12980 .00000 35.02067 .00000 35.01705 .00000 35.43446 .00000 35.21032 .00000 35.21032 .00000 35.00964	CP1	CP3	CP5		

 $\leftarrow$ 

(CA-8) K1.2H15.ITS2F30 (INVERTED) (PJF531) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF 5500.0000 SQ.FT. XMRP = 1339.9100 IN.XC BETA RN/L 1.090 .000 STAB LREF 327.8000 IN. YMRP = .0000 IN.YC -2.000 ELEVTR = .000 2348.0000 IN. BREF ZMRP 190.7500 IN.ZC GP 65.000 SCALE = .0400 RUN NO. 531/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW BETA Q(PSF) CPI CP2 CP3 CP5 CP6 . 155 3.218 .00000 35.28066 -.04076 -.05745 -.04557 -.05238 -.07855 -.05854 . 155 4.134 .00000 35.20792 -.04822 -.06219 -.05063 -.05481 -.08213 -.06092 . 155 5.225 .00000 35.15632 -.05047 -.06412 -.05170 -.06218 -.08981 -.05788 .155 6.319 .00000 35.11450 -.06181 -.07386 -.06687 -.06210 -.09538 -.07213 . 154 7.246 34.97325 -.06843 -.07570 -.10443 .00000 -.07956 -.06791 -.08036 -.00845 -.07671 -.08844 -.09632 -.10722 -.12394 -.00814 -.07570 -.08459 -.09780 -.10358 -.11361 -.12850 -.00265 -.08631 -.09771 -.10539 -.11594 -.13142 .154 8.156 .00000 34.95090 -.07451 -.11298 -.08821 -.08406 -.09220 -.10294 -.11850 -.12573 -.13055 . 155 9.389 .00000 35.05263 -.10140 . 155 10:242 .00000 35.02911 -.10493 . 154 11.225 34.97616 .00000 -.14110 -.11539 12.326 -.15521 .155 .00000 35.01792 -.12886 GRADIENT .00000 -.07941 -.00517 -.00552 -.00391 -.00260 (CA-8) KI.2HI5.ITS2F30 (INVERTED) (PJF532) ( 01 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF 5500.0000 SO.FT. XMRP 1339.9100 IN.XC = BETA .000 RN/L 1.090 LREF BREF 327.8000 IN. YMRP .0000 IN.YC STAB -2.000 ELEVTP = .000 2348.0000 IN. ZMRP = 190.7506 IN.ZC GP 87,000 SCALE .0400 RUN NO. 532/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00. 5.00Q(PSF) CP5 MACH ALPHAN **SETA** CPI CP3 CP4 CP5 CP6 -.04177 -.04398 -.04040 -.04456 -.04639 .155 .170 .00000 35.11479 -.05233 -.05365 ...04959 -.07819 -.06319 00000. . 154 1.131 34.79532 -.05346 -.05413 ...04663 -.07477 -.05890 . 155 2,165 35.07005 ..05014 -..05098 -.07799 -.05104 -.04884 -.05145

-.05-65

-.05568

-.06197

-.06243

-.06910

-.05316 -.07784 -.08352 -.09534 -.10826 -.12205

-.00078

-.05236 -.05275 -.059.1

-.0691b

-.07512

-.08760

-.10090 -.11410

-.00097

-.05058

-.05118

-.05591

-.05475

-.C5043

-.06822 -.07291 -.08436 -.03626

-.11007

.00083

-.05426

-.05778

-.06370 -.06850 -.08083 -.08591 -.09633 -.11186

-.12422

-.00136

-.07885

-.08173

-.08518

-.09045 -.09534 -.10748 -.11291 -.12128 -.13636

-.14857

-.00111

-.06126

-.05383

-.06587

-.07059

-.07475

-.08578

-.09091

-.09856

-.11294

-.12456

-.00038

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.155

.155

.155

.155

.155

. 155

.155

.155

.155

- 155

3.139

4.237

5.262

6.254

7.198

8.320

9.307

10.242

11.216

12.300

GRADIENT

35.09649

35.15192

35.10707

35.10369

35.09876

35.01245

35.03613

35.14481

35.18188

35.05555

.03779

.00000

.00000

.00000

.00000

.00000

.OCDCD

.00000

.cocco.

## (CA-8) K1.2H15.1TS2F30 (INVERTED)

( 01 JUN 76 )

					n		

#### PARAMETRIC DATA

CDEE					PARAMETRIC DATA	
LREF = 327 BREF = 2348	.0000 SQ.FT. XMRP .8000 IN. YMRP .0000 IN. ZMRP .0400	= .0000 IN.YC		BETA = STAB = GP =	.000 RN/L = -4.000 ELEVTR = 65.000	1.090
	RUN NO	. 533/ 0 RN/L =	.00 GRADIENT INTE	RVAL = -5.00/ 5.00		
	MACH ALPHAW .155 3.141 .155 4.206 .155 5.268 .155 6.257 .155 7.216 .155 8.313 .155 9.334 .155 10.338 .155 11.242 .155 12.256 GRADIENT	BETA Q(PSF) .00000 35.26581 .00000 34.98912 .00000 35.27457 .00000 35.14696 .00000 35.12172 .00000 35.12172 .00000 35.07239 .00000 35.01777 .00000 35.05386 .00000 34.99480 .0000022224	CP1	CP3	CP5	
		(CA-8) K1.2H15.1	TS2F30 (INVERTED)		(PUF534) ( 01 JUN	176 )
	PEFFERINCE DATA					

SREF = 5500.0000 SQ.FT.	XMRP = 1339.9100	IN VC				
LREF = 327.8000 IN.		IN.YC		BETA	= .000	RN/L = 1.090
BREF = 2348.0000 IN.	ZMRP = 190.7500			STAB	= ~4.000	ELEVTR = .000
SCALE = .0400	.33.7.300	114.20		GP	= 87.000	

	RUN NO. 534/	0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.70		
MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW BETA	34.9479804232 35.1506604505 35.0704104411 35.2228404695 35.2005105467 35.1440105467 35.1519206191 35.1843806706 35.0820308190 35.1678709739 35.1038910110	05038051905362052905310050905529052005786052006302056300710206180748306560859007950957808590958	9904631 9704904 9305263 9705263 9705263 930528 930548 9607448 960948 960948 960948 960948 9711354 9711354 9711354 9711354 9711354 9711354 9711354	CP50756307207074850774507761082690898715936118491232815033700092	CP606219059350597606122060430650806933078980699309724101321139712731

## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

## (CA-8) K1,2H15.6.1F30TS4 (INVERTED)

(PJF535) ( 01 JUN 76 )

						ГΑ

SREF = 5500,000	SQ.FT. XN	1RP = 1339	.9100 IN.XC
LREF = 327.800	O IN. Y	1RP =	.0000 IN.YC
BREF = 2348.000	IN. ZN	1RP = 190	.7500 IN.ZC
SCALE = .040	)		

- 1	PARA	ME	TRIC	: DA	ΓA

BETA =	.000	RN/L	= .	1.090
STAB =	-2.000	ELEVTR	=	.000
CD =	97 000			

	RUN NO.	535/ 0	RN/L =	.00	•				
MACH	ALPHAW	BETA	Q(PSF)	CP1	CP2	CP3	CP4	CP5	CP6
.155	.111	.00000	35.19751	02754	04758	04113	05531	07783	06227
.154	1.208	.00000	34.85370	03471	05080	04379	04903	07424	05715
. 155	2.145	.00000	34.97260	03621	05216	04362	05082	07658	05776
. 155	3.060	00000	35.35006	03937	05434	04454	05334	08061	06062
. 155	4.169	.00000	34.99555	04315	05533	04810	05395	08128	05150
. 155	5.274	.00000	35.27515	04760	05860	05075	05759	08480	06456
. 155	6.270	.00000	35.25008	05148	06300	05341	06195	08957	06765
155	7.274	.00000	35.14056	06319	07426	06461	07088	09808	07584
. 155	8.273	.00000	35.14471	06767	07769	06669	08200	10898	08518
. 155	9.262	.00000	35.09811	07785	08792	07633	08943	11548	09280
155	10.276	.00000	34.97481	08680	09636	08441	09922	12533	10138
.154	11.376	.00000	34.82806	10215	11120	09919	11077	13635	11199
. 155	12.294	.03000	35.17552	11123	12066	10759	12552	15015	12517
	GRADIENT	กดกลก	00493	- 00362	- 00191	- 00149	00012	00130	00017

#### (CA-8) K1.2H15.6.1F30TS4 (INVERTED)

(PJF536) ( 01 JUN 76 )

PARAMETRIC DATA

					n		

SREF = 5500.0000 SO.FT. XMRP = 1339.9100 IN.XC BETA = .000 RN/L = 1.090 LREF = 327.8000 IN. YMRP = .0000 IN.YC STAB = -4.000 ELEVIR = .000 BREF = 2348.0000 IN. ZMRP = 190.7500 IN.ZC GP : 87.000 SCALE = .0400

	RUN NI	0. 536/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.	00/ 5.00			
MACH	ALPHAW	BETA	Q(PSF)	CP1	CF2	CP3	CP4	CP5	CP6	
. 156	.129	.00000	35.50093	03744	04903	05138	05076	07717	06324	
. 155	1.132	.00000	35.00890	03997	05025	05041	04343	07162	05558	
. 154	2.079	.00000	34.91749	04307	05343	05275	04751	07440	05871	
. 155	3.277	.00000	34.98807	04245	05305	04975	05124	07742	06002	
.155	4.145	.00000	35.14371	04230	05317	04872	05133	07734	05938	
. 155	5.168	.00000	35.10215	04842	05785	05243	05369	07992	06117	
. 155	6.245	-00000	35.03547	05102	06145	05425	06183	08777	06812	
. 155	7.212	.00000	35.15631	05694	06711	05884	07424	09981	07942	
. 155	8.181	.0000ა	35.15103	06428	07332	05451	07539	10068	07927	
. 155	9.238	.00000	35.08341	07164	08108	07024	08903	11414	09252	
155	10.335	.00000	35.06642	08754	03720	08511	10048	12490	10207	
. 155	11.257	.00000	34.99908	09988	10940	09649	11351	13727	11398	
- 155	12.262	.00000	35.10191	10979	11865	10658	12538	14831	12535	
	GRADIENT	.00000	07167	00119	00108	.00060	00091	00063	.00030	

		06			

#### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2T52F30H15.6.1G5.3.5T5401

(TUF035) ( 07 JUN 76 )

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#### REFERENCE DATA

## 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO

LREF = 474.8100 IN, YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405 PARAMETRIC DATA

BETA = .000 RN/L = 1.090 STAB = -6.000 ELEVTR = .000 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700

RUN NO.			INTERVAL =	

MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	-1.823	.00000	35.19511	-1.23416	34298	.02062	.06686	00897	.0009	5 .00152
. 155	.272	.00000	35.12685	.82635	30015	.00772	.07293	00713	.0008	8 .00177
. 155	2.367	.00000	35.20501	2.88808	24719	00250	. 07988	01075	.0007	1 .00139
. 155	4.461	.00000	35.16323	4.95175	19642	01024	. 08584	00865	.0005	4 .00143
.155	6.438	.00000	35.28844	6.90443	14115	01419	.09181	00892	.0005	8 .00148
. 155	8.528	.00000	35,25476	8.95039	07678	01426	.09821	00915	.0004	3 ,00132
.155	10.488	.00000	35.30162	10.87273	01432	01057	10387	00886	.0003	
. 155	12.534	.00000	35.11212	12.89790	- 06464	00023	.11636	00875	.0003	9 .00203
. 155	14.535	.00000	35.21880	14.89526	.12927	.01272	.11673	00691	.0003	
.155	16.519	.00000	35.26246	16.90535	.20483	.03224	.12708	00711	.0005	
. 155	18,655	.00000	35.34393	19.03858	.28660	.05903	.13453	00831	.0005	
.156	20.590	.00000	35.47587	20.98504	. 35430	.08823	14670	-,00991	.0004	
. 156	22.558	.00000	35.61697	23.08262	.41143	.11775	,16560	00835	.0007	
.156	24.603	.00000	35.78959	25.06576	.43317	.13614	.19337	00436	0005	
.157	26.806	.00000	35.98137	27.31477	.43605	.15207	-22149	00816		
	GRADIENT	.00000	00083	.98436	.02352	-,09491	.00305	00013	0000	7 - 00003

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DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(TUF036) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

										BETA =	.000	RN/L =	1.090
SF	REF	=	2690.0000	SQ.FT	XMRP					STAB =	-6.000	ELEVTR =	.000
	REF	=	474.8100		YMRP		IN.YO			IORB =	3.000	ELEVON =	.000
B	OFF.	=	936.6800		ZMRP	= 375.0000	IN.ZO			BDFLAP =	-11.700		
	TALE		.0405							UD "			
٠,٠,٠						등 가기들이 한 글날이			- 4	0.7 = 0.0			

		RUN NO.	36/ 0 RN	/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -1.791 .264 2.330 4.420 6.488 8.574 10.564 12.592 14.565 16.595 18.587 20.559 24.641 26.788 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.21870 35.24856 35.2441 35.24625 35.27711 35.33472 35.16901 34.97262 35.13128 35.27169 35.42153 35.61032 35.59977 35.59815 35.57815 35.54711 .00282	ALPHAO -1.20143 .81707 2.85972 4.92234 6.95954 9.00380 10.96030 12.97009 14.93774 16.96665 18.97242 20.96511 23.02738 25.11325 27.30597 .98623	CL34278301842541519953137960705101558 .06193 .13557 .21289 .28536 .34954 .40676 .42902 .43585	CD .02053 .00760 00249 00986 01389 01080 00098 .01405 .03423 .05882 .08709 .11644 .13566 .15135	CLM .06673 .07323 .07964 .08611 .09267 .09223 .10411 .11097 .11763 .12610 .13461 .14628 .16314 .19011 .22336	CY005940076100834006720070300768005420054200561006390060800608006080076300763	CLN .00109 .00081 .00035 .00034 .00035 .00039 .00027 .00029 .00061 .00050 .00061 00061	CSL .00147 .00162 .00127 .00135 .00130 .00145 .00161 .00165 .00200 .00140 .00166 .00156 .00156 .00156 .00262

DATE 06 JUL 76

## CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2T55F30H15.6.105.3.5T5401

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(TUF037) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

	医电压性温度 电电路通讯						RETA	= .000	RN/L =	1.090
SREF	= 2690.0000	SQ.FT.		1109.0000			STAB		ELEVTR =	.000
LREE	= 474.8100	IN.	YMRP =	.0000		생님 그 회장들이게 불었다			ELEVON =	.000
	= 936.6800		ZMRP =	375.0000	IN.ZO			r = -11.700		
	- 0405						DUI LAI	- 11.700		

	4703			化热压压 化二氯甲二二甲二二甲						
		RUN NO.	37/ 0 RN	1/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156	ALPHAW -1.826 2.419 4.444 6.492 8.630 10.528 12.598 14.653 16.534 18.567 20.587 22.569 24.574 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.03682 35.16246 35.22397 35.35779 35.30964 35.11768 35.25425 35.24904 35.27729 35.27729 35.47111 35.61685 35.63996 35.63996	ALPHA0 -1.23513 .84540 2.94725 4.94881 6.97135 9.06316 10.92647 12.98212 15.03081 16.90535 18.96001 20.99442 23.00613 25.05280 27.29716 .98618	CL34460299.42472219727135900714801289 .05405 .13628 .20963 .28391 .35202 .41139 .43538 .02358	CD .02120 .008160021800910013560195700165 .01473 .03383 .05875 .08789 .11758 .13515 .1519900484	CLM .06724 .07319 .08C41 .08E41 .09283 .09912 .10475 .11C23 .11766 .12548 .13441 .14676 .16427 .19210 .22094	CY008920106501083009590099200970007870083700858008310071000720004750061000011	CLN .00117 .00062 .00048 .00048 .00042 .00042 .00061 .00064 .00008 00018 00205	CSL .00134 .00147 .00132 .00152 .00152 .00153 .00139 .00160 .00155 .00130 .00185 .00185

#### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(TJF038) ( 07 JUN 76 )

#### REFERENCE DATA

## PARAMETRIC DATA .000 RN/L

SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = 1109.0000 IN.XO YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO		IORB =	.000 RN/L = 1.090 -2.000 ELEVTR = .000 3.000 ELEVON = .000
	RUN NO. 38/ 0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00	
MACH ALPHAW	BETA Q(PSF) ALPHAO .00000 35.11492 -2.12331 .00000 35.07360 .84149 .00000 34.98438 2.93258 .00000 34.98251 4.97623 .00000 35.08261 6.00284 .00000 35.09260 6.72535 .00000 35.09260 6.72535 .00000 35.09260 8.95039 .00000 35.02648 8.95039 .00000 35.16584 10.97424 .00000 35.11659 11.95732 .00000 35.16598 12.96207 .00000 35.18785 13.95280 .00000 35.25011 16.00450 .00000 35.32553 16.97891 .00000 35.32553 16.97891 .00000 35.32553 16.97891 .00000 35.316787 19.86787 .00000 35.39950 20.91487 .00000 35.39950 20.91487 .00000 35.38790 23.03613 .00000 35.49000 24.12388 .00000 35.49000 24.12388 .00000 35.68987 25.07439 .00000 35.96654 26.11510 .00000 35.96654 26.11510 .00000 35.96654 26.11510 .00000 35.96654 27.49980	356+3 .0272929995 .0087424620 .0022219855 .0093616477 .0118014709 .0131110730 .0135707744 .0134104814 .0123201132 .00945 .02391 .00532 .06057 .0008 .09939 .00723 .14165 .01587 .18365 .02664 .21592 .03584 .25544 .04851 .29382 .06230 .32365 .07432 .354!1 .08891 .38373 .10351 .41110 .11830 .42582 .12965 .43213 .13637 .43874 .14479 .43018 .15124	CLM CY .0646000907 .0728801017 .0797501088 .0857901019 .0895000915 .0915400757 .0947100888 .0976300827 .1019600860 .1039900794 .1068400794 .1100800893 .1178400795 .1178400795 .1217730877 .1249600844 .1358300739 .1409000894 .1537000893 .1409000893 .1461100857 .1803300853 .1937500516 .2051900669	.00052 .00124 .00035 .00119 .00043 .00112 .00040 .00140 .00029 .00130 .00032 .00137 .00020 .00178 .00031 .00157 .00022 .00178 .00030 .00194 .00023 .00179 .00043 .00167 .00045 .00175 .00053 .00133 .00045 .00133 .00045 .00133 .00058 .00137 .00058 .00137 .00058 .00137 .00058 .00137 .00059 .00227 .00058 .00137 .00059 .00227 .00058 .00137 .00059 .00227 .00058 .00137 .00059 .00224 .00031 .00180 .00024 .00215 .00001 .00234 .00053 .00284 .000134 .00235
GRADIENT	.0000002044 .98584	.0220900515	.0029600018	

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.



DATE OF JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2T55F30H15.6.1G5.3.5T5401

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(TUF039) ( 07 JUN 76 )

#### REFERENCE DATA

XMRP = 1109.0000 IN.XOSREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO SCALE = .0405

#### PARAMETRIC DATA

1.090 RN/L = .000 BETA = ELEVTR = 17.000 -4.000 STAB = .000 3.000 ELEVON = 10RB = -11.700 BDFLAP =

GRADIENT INTERVAL = -5.00/ 5.00 .00 RUN NO. 39/ 0 RN/L =

MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.766 .311 2.372 4.379 6.461 8.449 10.493 12.544 14.532 16.588 18.585 20.604 22.576 24.546 26.727 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .01000 .01000 .01000 .01000 .01000 .01000 .01000	0 (PSF) 35.32217 35.23015 35.31679 35.22171 35.15206 35.15271 35.17217 35.24128 35.18944 35.33974 35.33974 35.48051 35.65457 35.65457 35.91252 36.2337300962	ALPHAO -2.20590	CL35543295572424819256134240707201104 .06467 .14011 .21225 .28997 .35299 .40867 .43313 .43716	CD .02897 .01035 .00014 00637 01012 00710 .00315 .01843 .03790 .06348 .09137 .12005 .13906 .15386 00501	CLM .06274 .07121 .07835 .08433 .09039 .09638 .10231 .10915 .11559 .12332 .13312 .14439 .16169 .19050 .22344 .00305	CY007540088400788007190065500547006330075800635006640075200679009920006	CLN .00100 .00054 .00032 .00042 .00033 .00028 .00034 .00055 .00037 .00034 .00054 .00019 00046 00184	CSL .00108 .00102 .00108 .00120 .00128 .00144 .00175 .00166 .00178 .00189 .00189 .00282 .00335
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#### DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5F30H15.6.1G5.3.5TS401

(TJF040) ( 07 JUN 76 )

#### REFERENCE DATA

LREF	= 474. = 936.	0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO				AB = -4 RB = 3	.000- RN/L +.000 ELEVT 5.000 ELEVO 1.700	R = 10.000
			RUN NO.	40/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.738 .307 2.336 4.382 6.461 8.427 10.430 12.511 14.525	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.21890 35.17788 35.15030 35.15030 35.15039 35.17839 35.17839 35.18148 35.20592 35.23737	ALPHAO -2.16240 .84247 2.84309 4.86547 6.91427 8.84358 10.81503 12.87384 14.88717	CL 35654 29781 24887 19386 13609 07780 01421 .06058 .13243 .21489	.00983 00922 00702 01115 01192 00808 .00166 .01594	CLM .06364 .07277 .07826 .08539 .09121 .09715 .10328 .10387 .1 583	CY 00648 00737 00939 00729 00693 00693 00689 00689 00796	CLN .00116 .00050 .00032 .00022 .00028 .00028 .00026 .00029 .00029 .00029 .00052	CSL .50190 .00114 .00098 .30100 .00091 .00096 .00153 .00153
	. 155 . 156 . 156 . 156 . 157	18.564 20.577 22.598 24.524 25.761 GRADIENT	.00000 .00000 .00000 .00000 .00000	35.33929 35.46984 35.64310 35.89908 36.22872 00957	18.93521 20.96929 23.01888 25.00533 27.27956 .98695	.28057 .35386 .40882 .43060 .43305 .02277	.06051 .09024 .11972 .13723 .15218 00505	.13271 .14548 .16279 .19110 .22213	00726 00528 00564 00535 00749	.0058 .00019 .00001 00054 00176 00013	.00133 .00153 .00180 .00243 .00339 00001

### DATE 06 JUL 75 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F30G5.3.5TS401

(TUF041) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 2690.0000 S		D IN.XO D IN.YO		A = .000 B = -4.000	RN/L = 1.090 ELEVIR = -10.000
LREF = 474.8100 II BREF = 936.6800 II SCALE = .0405			ĪOR	B = 3.000 LAP = -11.700	
	RUN NO. 417 O	RN/L = .00 GRADIEN	INTERVAL = -5.00/	5.00	

	RUN NU.	411 n Rt	4/L = .UU	ORADICIVI	MATERIANT	- 3.007	3.00		
AI PHAU	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
		35,22022	-2.07933	36189	.02600	.06499	00659	.00093	.00118
			89717	30304	.00702	.07362	00735	.00050	.00114
<ol> <li>(4) (1.3) (1.5) (2.5) (2.5)</li> </ol>					00305	.07986	00538	.00044	.00122
				, · · · · · · · · · · · · · · ·	- 00962	.08631	00475	.00030	.00148
						.09236	00557	.00027	.00124
							00394	.00024	.00109
							00537	.00014	.00120
								.00020	.00136
									.00167
									.00121
									.00171
18.556									.00159
20.539	.00000	35.39265							.00154
22.560	.00000	35.55376	23.01463				9 14 - 9 1 T T T T T T T T T T T T T T T T T T		
24.549	.00000	35.80602	25.04417	.43065					.00267
26.988	.00000	36.15034	27.53067	.42837	.15066	.22629			.00382
GRADIENT	.00000	00953	.98556	.02265	00512	.00302	.00030	00007	.60004
	ALPHAW -2.711 .308 2.318 4.334 6.370 8.478 10.403 12.528 14.498 16.542 18.556 20.539 22.560 24.549 26.988	ALPHAW BETA -2.711 .00000 .308 .00000 2.318 .00000 4.334 .00000 6.370 .00000 8.478 .00000 10.403 .00000 12.528 .00000 14.498 .00000 14.498 .00000 18.556 .00000 28.556 .00000 22.5560 .00000 24.549 .00000 26.988 .00000	ALPHAW BETA Q(PSF) -2.711 .00000 35.22022 .308 .00000 35.18514 2.318 .00000 35.163F3 4.334 .00000 35.15437 6.370 .00000 35.14037 8.478 .00000 35.14237 10.403 .00000 35.14275 14.498 .00000 35.14275 14.498 .00000 35.15531 16.542 .00000 35.26868 20.539 .00000 35.39265 22.560 .00000 35.39265 22.560 .00000 35.80602 26.988 .00000 36.15034	ALPHAW BETA 0(PSF) ALPHAO -2.711 .00000 35.22022 -2.07933 .308 .00000 35.18514 .89717 2.318 .00000 35.163F3 2.87634 4.334 .00000 35.15437 4.86449 6.370 .00000 35.15437 6.86408 8.478 .00000 35.13870 8.91478 10.403 .00000 35.14232 10.83095 12.528 .00000 35.14232 10.83095 12.528 .00000 35.15531 14.89324 16.542 .00000 35.15531 14.89324 16.542 .00000 35.26868 18.95588 20.539 .00000 35.26868 18.95588 20.539 .00000 35.39265 20.96092 22.560 .00000 35.55376 23.01463 24.549 .00000 35.80602 25.04417 26.988 .00000 36.15034 27.53067	ALPHAW BETA Q(PSF) ALPHAO CL -2.711 .00000 35.22022 -2.0793336189 .308 .00000 35.18514 .8971730304 2.318 .00000 35.16363 2.8763425394 4.334 .00000 35.15437 4.8644920224 6.370 .00000 35.15437 6.8640814179 8.478 .00000 35.13870 8.9147807844 10.403 .00000 35.14232 10.8309501925 12.528 .60000 35.14232 10.8309501925 12.528 .60000 35.15531 14.89324 12892 16.542 .00000 35.15531 14.89324 12892 16.542 .00000 35.26868 18.95588 .28312 20.539 .00000 35.26868 18.95588 .28312 20.539 .00000 35.39265 20.96092 34618 22.560 .00000 35.55376 23.01463 .40396 24.549 .00000 35.80602 25.04417 .43065 26.988 .60000 36.15034 27.53067 .42837	ALPHAW BETA 0(PSF) ALPHAO CL CO -2.711 .00000 35.22022 -2.0793336189 .02600 .308 .00000 35.18514 .8971730304 .00702 2.318 .00000 35.16363 2.876342539400305 4.334 .00000 35.15437 4.864492022400962 6.370 .00000 35.14037 6.864081417901365 8.478 .00000 35.13870 8.914780784401435 10.403 .00000 35.14232 10.830950192501141 12.528 .00000 35.14232 10.830950192501141 12.528 .00000 35.14275 12.93600 .0599700086 14.498 .00000 35.15531 14.89324 .12892 .01253 16.542 .00000 35.159499 16.92987 .20538 .03216 18.556 .00000 35.26868 18.95588 .284618 .05775 20.539 .00000 35.39265 20.96092 .34618 .05544 22.560 .00000 35.55376 23.01463 .40396 .11544 24.549 .00000 35.80602 25.04417 .43065 .13533 26.988 .00000 36.15034 27.53067 .42837 .15666	-2.711	ALPHAW BETA 0(PSF) ALPHAO CL CD CLM CY -2.711 .00000 35.22022 -2.0793336189 .02600 .0649900659 .308 .00000 35.18514 .8971730304 .00702 .0736200735 .318 .00000 35.16363 2.876342539400305 .0798600538 4.334 .00000 35.15437 4.864492022400962 .0863100475 .6.370 .00000 35.15437 4.864492022400962 .0863100557 .8.478 .00000 35.15870 8.9147807365 .0523600557 .8.478 .00000 35.13870 8.914780784401435 .0589400394 .10.403 .00000 35.14232 10.830950192501141 .1144200537 .12.528 .00000 35.14275 12.93600 .0599700086 .111500467 .14.498 .00000 35.15531 14.89324 .12892 .01253 .1171200541 .16.542 .00000 35.15949 16.92987 .20538 .03215 .1255700419 .18.556 .00000 35.26868 18.95588 .28312 .05775 .1355900534 .20.539 .00000 35.39265 .20.96092 .34618 .00544 .1466400526 .22.560 .00000 35.55376 .23.01463 .40396 .11544 .1630100366 .24.549 .00000 35.15034 .77.53067 .42837 .15666 .2262900407 .00770 .2	ALPHAW BETA 0(PSF) ALPHAO CL CD CLM CY CLN -2.711 .00000 35.2022 -2.0793336189 .02600 .0649900659 .00093 .308 .00000 35.18514 .8971730304 .00702 .0736200735 .00050 2.318 .00000 35.16363 2.876342539400305 .0798600538 .00044 4.334 .00000 35.15427 4.864492022400962 .0863100475 .00030 6.370 .00000 35.14037 6.864081417991365 .0523600557 .00027 8.478 .00000 35.13870 8.914780784401435 .0589400394 .00024 10.403 .00000 35.14232 10.830950192501141 .1142200537 .00014 12.528 .00000 35.14275 12.93600 .0599700086 .1:11500467 .00026 14.498 .00000 35.15531 14.89324 .12892 .01253 .1171200541 .00028 16.542 .00000 35.19499 16.92987 .20538 .03216 .1255700419 .00032 18.556 .00000 35.26868 18.95588 .28312 .05775 .1355900534 .00032 20.539 .00000 35.55376 23.01463 .40396 .11544 .1630100366 .00013 24.549 .00000 35.55376 23.01463 .40396 .11544 .1630100366 .00013 24.549 .00000 35.5034 .27.53067 .42837 .15566 .226290040700194 22.560 .00000 35.5034 .27.53067 .42837 .15566 .226290040700194 22.589 .00000 36.15034 .27.53067 .42837 .15566 .226290040700194 22.988 .00000 36.15034 .27.53067 .42837 .15566 .226290040700194

(CA-8) K2V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF042) ( u7 JUN 75 )

## REFERENCE DATA PARAMETRIC DATA

SREF = 2690.0000 SQ.FT.	XMRP = 1109.0000	IN XO	BETA = .000	RN/L = 1.090
LREF = 474.8100 IN.		IN.YO	STAB = -4.000	ELEVTR = -23.000
BREF = 936.6800 IN.	ZMRP = 375,0000	IN.ZO	10RB = 3.000	
SCALE = .0405	있으로 그렇게 하기 있는 것이다.	이글러마 그의 왕조를 가고 기계하는 이 말중하다. 그로	BDFLAP = -11.700	22270,1

						90	FLAP = -1	1.700	
	RUN NO.	42/ 0 F	N/L = .00	GRADIENT	INTERVAL	≈ <b>~5.00</b> /	5.00		
MACH ALPHAW .155 -2.695 .155 .231 .155 4.303 .155 4.303 .155 8.435 .155 10.491 .155 12.499 .155 14.476 .155 16.522 .155 18.522 .155 20.525 .156 22.571 .156 24.513 .157 27.012 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.23322 35.19189 35.17455 35.16462 35.14519 35.13759 35.13759 35.15257 35.16257 35.25694 35.37601 35.52603 35.76055 36.11764	ALPHAO -2.04562 .83563 2.86461 4.85076 6.89458 8.88709 10.92249 12.91996 14.87908 16.92169 18.93108 20.96092 23.03162 25.01828 27.56155 .98603	CL361663027925559207411954908171014060492612910206872748731459404864248342736	CD .02499 .0064300558015580120900386 .01126 .03144 .05469 .08406 .11428 .13215 .1501400522	CLM .06593 .07320 .08064 .08773 .09258 .09860 .10522 .11088 .1:777 .12610 .13469 .1-654 .18380 .19054 .22358	CY0070200730005840057600542005830055900490005640053400710003690023700645	CLN .00100 .00070 .00050 .00021 .00033 .00022 .00032 .00039 .00039 .00041 .00065 00002 00028	CSL .00141 .00143 .00118 .00138 .00068 .00119 .00122 .00154 .00167 .00141 .00102 .00189 .00215
医乳腺性皮肤 医乳体 化二基酚 电流电流 医乳腺管 化氯化二酚	the electric periods of the first								.00001

DATE OF JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5F30G5.3.5TS401

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(TJF043) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SO.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405 PARAMETRIC DATA

BETA = .000 RN/L = 1.090 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700

RUN NO. 43/0 RN/L = .00 GRADIENT INTERVAL = -5.00/5.00

MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLI	4	CY		CLN	CSI
. 155	-2.853	.00000	35.21008	-2.24206	36093	.02857	. 00	345ë -	.00602	100	.00108	.00172
. 155	. 334	.00000	35.17744	,89620	29572	.00908	.0	7416 ~	.00753		.00076	.00113
. 155	2.341	.00000	35.16485	2.87585	24777	00120	. 0	3090 -	.00633		.00050	.00123
.155	4,399	.00000	35.15657	4.90959	19635	00821	. 08	3734	.00693		.00027	.00099
. 155	6.414	.00000	35.15086	6.89655	13470	01232	. 09	9335 -	.00603		.00027	.00129
. 155	8.447	.00000	35.16034	8,89105	07811	01264	. 09	9790 -	.00605		.00042	.00124
. 155	10.436	.00000	35.16729	10.83692	01670	01003	. 11	2482 -	.00669		.00043	.00094
. 155	12.474	.00000	35.16614	12.85580	.05744	00048	. 11	1976 -	.00663		.00055	.00146
.155	14.512	.00000	35.18556	14.89324	.13410	.01446	1	1706 -	.00679		.00045	.00131
.155	16,532	.00000	35.22749	16.90535	.21020	.03415	. 17	:487 <b>-</b>	.00793		.00071	.00139
.155	18.562	.00000	35.30599	18.95175	.28654	.05972	.1	3458 -	.00570	٠	.00073	.00109
. 155	20.592	.00000	35,43970	20.99851	. 35085	.08683	. 11	+495 -	.00589		.00034	.00165
.156	22,563	.00000	35.60903	23.00189	.40756	.11561	. 18	5325 -	.00584		.00055	.00154
.156	24.521	.00000	35.88766	25.00533	.42899	.13338	. 19	9069 -	.00576		.00010	.00162
.157	26.939	.00000	36,18874	27.47776	42927	.15032	. 23	2417 -	.00524	_	.00205	.00497
	GRADIENT	.00000	00746	.98609	.02266	00514	.00	0310 -	.00008		.00011	 00002

(CA-8) K3V9.1.2TS5 F3065.3.5TS401

(TJF044) ( 07 JUN 76 )

30cr = 2690.0000	SO.FT. XMRP =	
		1109.0000 IN.XO
EREF = 474.8100	····· TURP ≈	-0000 IN.YO
220.0000	IN. ZMRP =	
SCALE = .0405		375,0000 IN.ZO
19105		

BETA						
IORB	=	.000	RN/L	=	1.090	
	. =	6.000	ELEVON	=	.000	
BDFLAF	' =	-11 700				

		KUN NO.	44/ O F	RN/L = .00	ORADIENT	INTERVAL				
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.865 .349 2.318 4.417 6.401 8.515 10.524 12.528 14.528 14.5524 16.542 20.566 24.533 26.930	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	497 0 F 0(PSF) 35.20323 35.17302 35.16258 35.16256 35.16256 35.19752 35.20791 35.26076 35.34903 35.48792 35.66803 35.91842 36.25971	ALPHA0 .77751 3.9474 5.89381 7.96261 9.91311 11.98728 13.97087 15.95977 17.94612 19.97183 22.02410 24.03828 26.05285 28.07895	CL 17841 11052 06016 00158 .05698 .12364 .19490 .255986 .33287 .40217 .48029 .53625 .58192	CD .02340 .01218 .00835 .00717 .01026 .01811 .03142 .04823 .06999 .09682 .13210 .16734 .20076	-5.00/ CLM .07476 .08733 .09419 .10092 .10721 .11356 .12368 .12396 .13860 .14809 .15924 .17098 .19062 .22343	5.00 CY 00550 00611 00785 00502 00502 00780 00784 00892 00480 00480 00481 00378	.00077 .00037 .00019 .00019 .00035 .00020 .00030 .00056 .00077 .00040 .00068	CSL .00124 .00138 .00090 .00145 .00157 .00156 .00165 .00084 .00166 .00104
	GRADIENT	.00000	36.25971 00650	30.54176 98683	.54842	.22404	.27074 .00360	00378 00699 00012	.00037 .00005	00273 00503

DATE 06 JUL 76

### CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

## (TUF045) ( 07 JUN 76 ) PARAMETRIC DATA

ĒΕ				

1.090 RN/L = .000 BETA .000 XMRP = 1109.0000 IN.XO ELEVTR = -4.000 2690.0000 SQ.FT. STAB = SREF = .000 .0000 IN.YO ELEVON = 474.8100 IN. YMRP = IORB = 6.000 LREF = 7MRP = 375.0000 IN.ZO BREF = SCALE = -11.700936.6800 IN. BDFLAP = .0405

	.0.00	RUN NO.	45/ 0 RN	I/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		CC!
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.748 .337 2.336 4.427 6.440 8.408 10.494 12.488 14.588 16.538 18.558 20.595 22.548 24.604 26.982 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.21398 35.17661 35.16444 35.15601 35.15670 35.1561 35.16417 35.19703 35.24666 35.33029 35.472466 35.64015 35.64015 35.89955 36.25861	ALPHAO .91818 3.96112 5.93507 7.99616 9.97461 11.89540 13.94475 15.92521 18.01188 19.96767 22.00301 24.05535 26.03673 28.14103 30.58264 .98656	CL 18220 11264 06260 00475 .05869 .12228 .19409 .25988 .33693 .40622 .47974 .53648 .58173 .59110 .55145	CD .02055 .01010 .00619 .00536 .00904 .01536 .02939 .04596 .06981 .09629 .13045 .16588 .19940 .22203 .22577	CLM .07510 .08783 .09+02 .10100 .10725 .11302 .12314 .13942 .14399 .15926 .17040 .18983 .22467 .27138	CY00750008370058000739006040059600549005750052700527002780029800197002750064800648	CLN .00068 .00042 .00031 .00013 .00012 .00042 .00045 .00045 .00081 .00070 .00032 .00056 .00066	CSL .00076 .00104 .00125 .00093 .00131 .00133 .00143 .00143 .00181 .00181 .00181 .00084 .00000 .00283 .00513

#### DATE 06 JUL 76 CA-B - FORCE SOURCE DATA TABULATION

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF046) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 2690.000 LREF = 474.811 BREF = 936.681 SCALE = .041	00 IN. YMRP 00 IN. ZMRP	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		BETA = STAB = 10RB = BDFLAP =	.000 RN/L = 1.090 .000 ELEVTR = .000 6.000 ELEVON = .000
	RUN NO.	46/ 0 RN/L = .	.00 GRADIENT INTERV	AL = -5.00/ 5.00	
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156 . 156 . 157	ALPHAW BETA -2.742 .00000 2.350 .00000 2.350 .00000 4.429 .00000 8.516 .00000 10.542 .00000 12.536 .00000 14.600 .00000 18.584 .00000 18.584 .00000 20.547 .00000 22.562 .00000 24.554 .00000 24.5554 .00000 24.5554 .00000	35.16827 3.97287 35.15871 5.92721 35.15393 7.99616 35.15394 9.95874 35.16304 9.95874 35.16305 11.99526 35.17768 13.98905 35.18207 15.95384 35.20709 18.02010 35.25188 20.01760 35.25188 20.01760 35.35107 22.02410 35.49090 24.00397 35.66462 26.05414 35.93273 28.09226 36.29230 30.56447	418031 .02105 710912 .01066 105924 .0977 500014 .0366 4 .05853 .0097 8 .12670 .01796 5 .19353 .03010 4 .26659 .0463 0 .33812 .0711 0 .41573 .1002 0 .47896 .1313 7 .53716 .16677 4 .58252 .2006 5 .59263 .2225	088190073 0 .094050068 3 .100700063 1 .107320070 5 .113780068 0 .129510058 3 .129370074 7 .133500057 4 .149680057 1 .158050042 2 .169640033 1 .190440028 3 .225550037 0 .270820050	7 .00047 .00114 1 .00028 .00115 7 .00033 .00152 1 .00021 .00113 8 .00022 .00121 6 .00019 .00128 6 .00033 .00123 4 .00041 .00114 6 .00063 .00106 8 .00066 .00082 8 .00072 .00091 6 .00062 .00121 9 .00063 .00288 700008 .00447

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CA-B - FORCE SOURCE DATA TABULATION

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TUF047) ( 07 JUN 76 )

nr	سخ ہ	_	n	•	ĸ	10	•	D	ĸ.	т.	A.	
H۲		<b>†</b>	r	•	í١	и.	ь.	2.1	Α.	1.	ч	

SREF = 2690.0000 SO.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = 1109.0000 IN YMRP = .0000 IN ZMRP = 375.0000 IN	. <b>YO</b>	8E ST/ 10F BDF	AB = 3.000	0 ELEVTR = .000 0 ELEVON = .000
	RUN NO. 47/ 0 RN/L	= .00 GRADIENT	INTERVAL = -5.00/	5.00	
MACH ALPHAW .155 -2.753 .155 .277 .155 2.351 .155 4.355 .155 5.754 .155 8.332 .155 10.613 .155 12.546 .156 14.644 .156 15.541 .156 20.637 .156 22.698 .155 24.603 .154 26.749	.00000 35.21922 .00000 35.16209 .00000 35.10284 1 .00000 35.10284 1 .00000 35.05286 1 .00000 35.11335 1 .00000 35.51464 1 .00000 35.66391 2 .00000 35.60999 2 .00000 35.12522 2	ALPHAO CL .9103617757 3.9043311004 5.9635505934 7.9271000392 0.27833 .07476 1.81153 .12407 4.05553 .20175 5.98010 .26712 8.06533 .33933 9.95767 -40860 4.10246 .54175 6.18481 .58632 8.13660 .59230 0.32853 .55798	CD CLM .02160 .07557 .01172 .08769 .00738 .09397 .00733 .10041 .01179 .10785 .01770 .11342 .03228 .12099 .04878 .12939 .04878 .12939 .07217 .13870 .09902 .14815 .16988 .17091 .20426 .19180 .22322 .22673 .22498 .26806	00600 00833 00771 00536 00440 00590 00489 00546 00567 00571 00326 00328 00328	CLN CSL .00079 .00124 .00056 .00101 .CCG+6 .00089 .00043 .00101 .00033 .00121 .00039 .00125 .00023 .00154 .00034 .00159 .C0028 .00149 .00046 .00120 .00076 .00104 .00078 .00087 .00025 .00583 .C0005 .00583

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF048) ( 07 JUN 76 )

#### REFERENCE DATA

	2690,0000	SO.FT. XMRP =	= 1109.0000	IN VO			
LREF =	474.8100			IN.YO		BETA = .000	RN/L = 1.090
BREF =	936.6800					STAB = -2.006	
SCALE =	.0405		373.0000	1W.ZU		IORB = 6.000	ELEVON = .000
						BDFLAP = -11.700	
	医骨髓 经基础	RIN NO	ם מעש	CL 21			

		TON NO.	ABY O HWYE	= .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156	ALPHAW -1.703 .274 2.396 4.480 6.452 8.576 9.530 10.578 11.582 12.627 13.602 14.745 15.533 16.670 17.490 18.586 19.627 20.627 21.572 22.656 23.697 24.696 25.598 26.782 GRADIENT	BETA .00000	35.22899 1. 35.22514 3. 35.24297 6. 35.28280 8. 35.33088 10. 35.40639 12. 35.23659 14. 35.26261 15. 35.34971 16. 35.12624 17. 35.12624 17. 35.12624 17. 35.12624 20. 35.53566 28. 35.53566 22. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23. 35.65689 23.	ALPHAO 95976 91706 02642 08496 00438 06721 99817 03136 03283 04023 18051 95828 10917 992743 04097 09112 10246 015966 22237 24310 16618 37839 39100	CL16034114030582900306 .06088 .13012 .15941 .20090 .23094 .26569 .30100 .34189 .36957 .40927 .43706 .47869 .51107 .54371 .56808 .59174 .56518 .55496	CD .01679 .01115 .00679 .00591 .00919 .01767 .02277 .03121 .03873 .04848 .05856 .07238 .08278 .09885 .11162 .13107 .14980 .16915 .18613 .20357 .21564 .22355 .22912 .2250100178	CLM .08036 .08722 .09449 .10082 .10739 .11472 .114705 .12148 .12544 .12920 .13436 .14803 .14803 .14809 .15334 .15901 .16381 .17208 .18029 .19238 .1147 .22801 .24394 .27123 .00332	CY00733007310072200685006850058300801005880072900588008140061900786005460054600546004270036000325004110049900411	CLN .00093 .00060 .00023 .00024 .00026 .00033 .00039 .00053 .00056 .00057 .00050 .00079 .00050 .00079 .00085 .00077 .00087 .00087 .00087 .00080 .00020 .0001700011	CSL .00119 .00149 .00130 .00122 .00126 .00129 .00142 .00100 .00128 .00093 .00093 .00095 .00095 .00126 .00126 .00141 .00354 .00466 .00141 .00001

DATE 06 JUL 76 . CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

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1.090 17.000 -5.000

(TJF049) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

				= 1109.0000	TN VO		BETA =	.000 RN/L =
SREF		2690.0000					STAB =	-2.000 ELEVTR =
LREF					IN.YO		IORB =	6.000 ELEVON =
BREF	=	936.6800	IN. ZMRP	= 375.0000	] IN.ZU		BDFLAP =	
SCALE	=	.0405					BULLAR -	

로마, 로르크 마스크 크림 받다. 나를 작용하는데 글로 글로 사람	RUN NO. 49/ 0	RN/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH ALPHAW .155 -1.868 .155 -3.18 .155 -3.397 .155 -4.467 .155 -6.577 .156 -8.604 .156 -10.450 .156 -12.485 .156 -14.622 .157 -16.582 .157 -18.652 .156 -20.659 .156 -22.606 .156 -24.674	RUN NO. 497 0  BETA Q(F: .00000 35.18 .00000 35.17 .00000 35.39 .00000 35.45 .00000 35.48 .00000 35.58 .00000 35.68 .00000 35.60 .00000 35.60 .00000 35.50 .00000 35.50 .00000 35.50	SF) ALPHAO 235 1.81512 249 3.96504 503 6.01463 327 8.05536 016 10.13537 403 12.09919 395 13.92461 514 15.94351 528 18.07356 347 20.03841 509 22.12959 423 24.14959	CL2627320843158830990203368 .02920 .09152 .16305 .24100 .30800 .38435 .44793 .49411 .51013	CD .01714 .00724 .007360035000274 .00212 .01081 .02541 .04646 .06963 .10204 .13607 .16643 .18906	CLM .12207 .13109 .13743 .14408 .15128 .15835 .15445 .17384 .18335 .19192 .20334 .21613 .23428 .26631	CY 00156 00398 00347 00347 00386 00351 00529 00456 00168 00168 00137 00020	CLN .00090 .00055 .00023 .00021 .00015 .00006 .00026 .00027 .00020 .00034 .00032	CSL .00165 .00178 .00207 .00217 .00223 .00194 .00229 .00129 .00138 .00119 .00149
.156 26.740 GRADIENT	.01000 35.52 .00000 .03	165 30.34566 242 .98511	.49692 .02564	.19976 00327	.30199	00537 00038	00041 00011	.00005

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF050) ( 07 JUN 76 )

## REFERENCE DATA

SREF = 2690.0000	SQ.FT. XMRP =	1109.0000	1N.X0	BETA	= .000	RN/L = 1.090
LREF = 474.8100	IN. YMRP =	.0000	IN.YO	STAB	-2.000	ELEVTR = 10.000
BREF = 936.6800	IN. ZMRP =	375.0000	IN.ZO	IORB	= 6.000	ELEVON = -5.000
SCALE = .0405			경기 발매 사람들의 아내는 그 아이들이 되었다.	BDFL	AP = -11.700	듯 하기 가게 다 하고 있는데요.
그 없는 이 일반 그를 달려야 하를	그런 맛이 되면 되는 것이다. 나는 사람		그리라 화고 있는데 이 경기에 가는 그리고 있다.			
이 이렇게 보니 이번 원하다 하고 그렇게 되었다.	RUN NO.	50/ 0 RN	<pre>VL = .00 GRADIENT INTERVAL</pre>	= -5.00/ 5	<b>ព</b> ស	

		RUN NU.	א טיטכ	N/L = .UU	GHADIENI	I INIERVAL	= -5.00/	5,00		
MACH	ALPHAW	BETA	O(PSF)	ALPHAO	CL	CD	CLH	CY	CLN CSL	
. 155	-1.741	.00000	35.25385	1.94070	26070	.01662	.1.2288	00551	.00082 .0018	36
. 155	.295	.00000	35.07168	3.94839	21662	.00721	.13096	00344	.00064 .0016	50
. 155	2.478	.00000	35.21365	6.10698	15977	00007	.13776	- 00432	.00029 .0020	02
. 155	4.375	.00000	35.27494	7.97445	10449	00335	.14410	00396	.00016 .002	16
. 155	6.464	.00000	35.32031	10.02620	03893	00263	.15162	00348	.0002 .0018	32
. 155		.00000	35,38396	12.03324	.02528	.00147	. 1 5863	00189	.00012 .002	20
. 156	The state of the s	.00000	35.42291	14.08173	.09533	.01113	.15619	00379	.00010 .0023	33
. 155		.00000	35.24868	15.92725	.16115	.02506	.17394	00434	.00030 .0028	27
. 155		.00000	35.32339	18.00777	.23601	.04551	.13327	00507	.00042 .001	71
. 156		.01000	35.53896	.20.05505	.30923	.06979	.13303	00457	.00039 .0016	59
. 156		.01000	35.54409	22.12537	.37941	.09993	.23334	00361	.00042 .0014	19
. 155	20.657	.01000	35.31376	24.16245	.44762	. 13568	.21684	00035	00027 .0013	33
. 155	22.596	.01000	35.34456	26,12817	.49468	.16685	.23552	.00012	.00000 .0016	54
. 155	24.519	.01000	35.37148	28.09669	.51110	.18816	.26556	.00059	00027 .0027	76
. 157	26.752	.01000	35.96502	30.37839	.49567	.19954	.30251	00335	00065 .0050	) [
	GRADIENT	որորդ	กากกก	99691	02557	- 00250	ししるアス	00019	- 00011 0000	ום מו

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30C5.3.5TS401

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(TJF051) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405

#### PARAMETRIC DATA

BETA = .000 RN/L = 1.090 STAB = -2.000 ELEVTR = -10.000 .ORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700

DI.	INT NIO		0 RN/L =	 			
T T	JIN INU.	21/	U KN/L =	 GRADIENI	INTERVAL	± -5.00/	5 00
	344 2 22			 • · · · · • • • • · · · · · · ·			3.00

MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	ĊΥ	CLN	CSL
. 154	-1.796	.00000	34.90057	1.90454	26468	.01582	.12371	00106	.00095	.00235
.155	.312	.00000	35.02049	3.99050	21654	.00569	.13148	00348	.00055	.00226
. 156	2.352	.00000	35.44116	6.00481	16809	00131	.13819	00376	.00041	.00193
. 155	4.309	.00000	35.25457	7.92710	10873	00494	. 14456	00442	.00026	.00204
. 155	6.422	.00000	35.15756	10.00041	04381	00525	.15221	00447	.00027	.00208
. 155	8.559	.00000	35.06445	12.08520	.02232	00102	.15909	00283	.00023	.00245
. 155	10.552	.00000	35.17780	14.06561	.08951	.00870	.16586	00230	.00014	.00260
. 155	12.519	.01000	35.15360	16.01670	. 161.65	.02282	.17476	00676	.00051	.00211
. 155	14.491	.01000	35.22766	17.98311	.23089	.04194	. 18349	00317	.00015	.00236
. ! 55	16.565	.01000	35.36576	20.05922	.30471	.06652	.19339	00361	.00029	00216
.155	18.465	.01000	35.22687	21.97350	.37458	.09575	.20350	00269	.00039	.00164
. 155	20.559	.01000	35.36307	24.08533	.44092	.13084	.21615	00137	.00017	.00138
. 155	22.488	.01000	35.36310	26.04108	.48871	.16172	.23434	.00061	.00008	.00163
. 156	24.495	.01000	35.62381	28.09669	.50797	. 18527	.26409	00043	00024	.00226
. 157	26.803	.01000	36.08379	30.44643	.49341	. 19772	.30291	00385	00055	.00390
	GRADIENT	.00000	.07341	.98661	. 02534	00341	.00340	00051	00011	00006

DATE D6 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF)52) ( 07 JUN 76 )

SREF = 2690.0000 SQ.FT. XMRP	- 1100.0000 1M.VO	L = 1.090
LREF = 474.8100 [N. YMRP		VTR = -23.000
BREF = 936.6800 IN. ZMRP	3/3.0000 111.20	VON = -5.000
SCALE = .0405	를 받는데 그렇게 된 물리를 받는데 하는데 하는데 하는데 하는데 함께 보고 BDFLAP. = - i +11.700 라트리스	
	EQ. 0 PM/I - 00 CDADIENT INTERVAL = $-5.007$ 5.00	

		RUN NO.	257 0 KI	47L = .UU	GRADIENI	INTERVAL	= -5.007	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
.155	-1.865	.00000	35.02065	1.84737	26559	.01509	. 12344	00405	.00091	.00205
.155	.297	.00000	35.13168	3.98070	21956	.00485	.13194	00594	.00052	.00183
. 155	2.363	.00000	35.16184	6.01758	16581	00239	.13890	00431	.00038	.00190
. 155	4.374	.00000	35.24679	7.99813	10863	00539	.14500	00538	.00030	.00224
. 155	6.445	.00000	35.28496	10.03017	04467	00601	.15263	00496	.00020	.00181
. 155	8.542	.00000	35.20723	12.09319	.01783	00249	. 15859	00529	.00021	.90214
. 155	10.457	.01600	35.25196	13.99308	.08725	.00703	.16539	00578	.00008	.00233
. 155	12.266	.00000	35.05603	15.79111	.14875	.01947	.17357	00439	.00012	.00252
.155	14.519	.01000	35.04991	18.02832	. 22853	.04040	. 18337	00515	.00018	.00221
. 155	16.549	.01000	35.21771	20.05922	.30022	.06430	. 19345	00512	.00025	.00200
. 155	18.517	.01000	35.39388	22.04519	. 37376	.09+02	.20364	00318	.00030	.00170
.156	20,458	.01000	35.61207	24.00825	. 43487	.12656	.2:570	00183	.00031	.00107
.156	22.594	.01000	35.55941	26,16738	.49080	.16267	.23533	.00:04	00017	.00153
.156	24.517	.01000	35.54602	28.13216	.50937	.18469	.26638	.00050	00046	.00240
. 156	26.809	.01000	35.56749	30.47366	.49314	.19580	.30217	00!98	00050	.00366
	GRADIENT	.00000	.03414	.98587	.02522	00346	.00345	00012	00010	.00003

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF053) ( 07 JUN 76 ) PARAMETRIC DATA

### REFERENCE DATA

				RN/L = 1.090
SREF = 2690.0000	50.FT. XMRP = 1109.00	OD IN.XO	BETA = .000	
LREF = 474.8100		O IN.YO	STAB = -4.000	ELEVTR = .000
			IORB = 6.000	ELEVON = $-5.000$
BREF = 936.6800	IN. $ZMRP = 375.00$	00 IN.ZO		
SCALE = .0405		요하는 생님은 그 말이 하지 않는 그 얼마를 가지 않는데 없다.	BDFLAP = -11.700	

		RUN NO.	53/ 0 RN	1/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -1.814 .231 2.391 4.401 6.492 8.482 10.523 12.663 14.528	BETA .00000 .00000 .00000 .00000 .00000 .01000 .01000 .01000	537 0 RN Q(PSF) 35.13100 35.14267 35.14327 35.1724 35.2020 35.15987 35.24954 35.26349 35.40629 35.13933	ALPHAO 1.86740 3.89062 6.02249 8.00800 10.07383 12.02525 14.03941 16.16724 18.02832 20.06754	GRADIENT  CL2631922193166091075204246 .02047 .09193 .16449 .23428	CD .01649 .00645000890045100031 .00987 .02502 .04368 .06908	5.007 CLN .12363 .13172 .13849 .1-513 .15245 .15905 .16649 .17538 .18478	CY004540045300528005840049000386002340050900367	CLN .00083 .00059 .00044 .00040 .00034 .00013 .00003 .00023 .00023	CSL .00181 .00221 .00196 .00193 .00190 .00232 .00261 .00235 .00213
. 155 . 156 . 156 . 156 . 156	18.571 20.553 22.571 24.545 26.752 GRADIENT	.01000 .01000 .01000 .01000 .01000	35.34555 35.51965 35.50699 35.58567 35.73432 .00666	22.09160 24:09818 26.14559 28.16321 30.42828 .98792	.37382 .44044 .49189 .50861 .49459 .02513	.09696 .13116 .16503 .18703 .19896 00338	.20322 .2\617 .23550 .26498 .30162 .00342	00271 00089 00088 .00050 00343 00023	.00019 .00010 00014 00064 00045 00007	.00175 .00139 .00182 .00300 .00368 00000

(CA+8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF054) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

SREF = 2690,0000 SO.FT, XMRP = 1109.0000 IN.XORN/L = 1.090 BETA = .000 LREF = 474.8100 IN. YMRP = .0000 IN.YO STAB = -2.000 ELEVTR = .000 BREF = 936.6800 IN. SCALE = .0405 ZMRP = 375.0000 IN.ZO IORB = 6.000 ELEVON = -5.000 BDFLAP = -11.700

		RUN NO.	547 0 RI	N/L = .00	GRADIENT	INTERVAL :	= -5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
, 155	-1.734	.00000	35.05022	1.94803	26209	.01614	.12368	00499	.00098	.00187
.155	.265	.00000	35.09242	3.92391	21793	.00647	.13161	00597	.00047	.00206
. 155	2.282	.01000	35.06386	5.91149	16711	00028	.13821	00681	.00042	.00186
. 155	4.388	.01000	35.22876	8.00010	10908	00435	.14467	00536	.00034	.00206
. 155	5.492	.00000	35.28279	9.08295	07343	00463	.14880	00565	.00026	.00186
.155	6.380	.01000	35.23615	9.95676	04024	00348	.15196	00502	.00012	.00209
. 155	7.533	.01000	35.26540	11.09370	01078	00203	.15498	00563	.00012	.00225
. 155	8.482	.01000	35.36571	12.02325	.02374	.00051	. 15943	00581	.00014	.01,221
. 155	9.524	.01000	35.06679	13.04230	.05550	.00445	.16198	00698	.00029	.00219
. 155	10.502	.01000	35.06894	14.01323	.09228	.00996	.16677	00721	.00034	.00218
. 155	11.584	.01000	35.15535	15.09558	.12503	.01671	.17054	00476	.00032	.00240
, 155	12.519	.01000	35.07567	16.01670	.16168	.02459	.17491	00731	.00034	.00235
. 155	13.557	.01000	35.17053	17.05659	. 19650	.03334	17888	00630	.00035	.00219
-155	14.517	.01000	35.21233	18.04477	.23450	.04437	.18426	00365	.00016	.00232
. 155	15.532	.01000	35.29940	19.05098	.27093	.05575	.18915	00345	.00002	.00231
. 155	16.604	.01000	35.23136	20.14665	.31336	.07047	. 19468	00460	.00033	.00189
. 155	17.515	.01000	35.37007	21.04887	. 33957	.08160	. 19859	00584	.00031	.00187
. 155	18.504	.01000	35.26153	22.03676	.37930	.09846	.20393	00421	.00025	.00158
. i 55	13.820	.01000	35.3E'+90	23.38902	.42172	.12050	.21216	00246	.00027	.00136
. 155	21.702	.01000	35.38555	25.26019	.47292	.15168	.22573	00071	00014	.00151
. 155	22.635	.01000	35.37342	26.21532	. 49556	. 16685	.23774	00095	00015	.00192
. 155	23.622	.01000	35.36748	27.22237	.50530	.17890	.25098	00136	00011	.00185
. 155	24.588	.01000	35.55086	28.21203	.51007	.18787	.26592	00044	00049	.00260
. i 57	25.455	.01000	36.00397	29.09902	.50916	. 19462	.27939	00133	00049	.00339
. 157	26.743	.01000	35.97048	30.41921	.49348	. 19834	.30233	00248	00078	.00426
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GRADIENT	.00196	.02508	.98628	.02503	00334	.0341	00004	00010	.00002

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(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF055) ( 07 JUN 76 )

# REFERENCE DATA

SREF = 2690.0000 SQ.FT, XMRP = 1109.0000 IN.X0  LREF = 474.8100 IN. YMRP = .0000 IN.Y0  BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO  STAB = .000 ELEVTR = .000	.090
BREF B = 936.6800 IN 100 7MRP = 1,775 0000 IN 70	
	.000
USCALE ★시간실하는0405 전시 네트로센터 제외에 가입니다. 이번 시간 시간 전에 가입니다. 이번 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간 시간	.000
를 가고 있다면 즐겁게 되었다면 있는 것 같은 사람들이 그리고 있다. 그리고 있는 사람들이 그들는 것 같다고 있는 사람들이 되는 BDFLAP (두) (두 11, 700 이 전기 이 보고 있는 )	

		RON NO.	א ייבכ א	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -1.801 .208 2.297 4.405 6.340 8.436 10.462 12.581 14.534 16.509 18.526	BETA .00000 .00000 .01000 .01000 .01000 .01000 .01000 .01000	Q(PSF) 35.17132 35.11844 35.11554 35.21423 35.23935 35.21882 35.02432 35.01915 35.24888 35.36923 35.36923	ALPHAO 1.87082 3.85244 5.91542 8.00010 9.91113 11.97330 13.96489 16.07772 18.02832 20.00512 22.04519	GRADIENT CL2618621597163271047304460 .02473 .09438 .16694 .23518 .31045	INTERVAL =  CD .01570 .00726 .0001000368 .00089 .01037 .02551 .04458 .06908	-5.00/ CLM .12365 .13095 .13811 .14443 .15159 .15903 .16649 .17524 .18326 .19320	CY00253005990048900341004990043700478005080051100319	CLN .00093 .00044 .00027 .00031 .00026 .00018 .00026 .00022 .00038	CSL .00209 .00201 .00203 .00205 .00198 .00198 .00236 .00228
.155 .156	20.551 22.521	.01000	35.44963	24.08961	.44351	. 13285	.21644	00319	.00026 .00030	.00141
.156 .157	24.510 26.730 RADIENT	.01000 .01000 .00010. .01000	35.50595 35.52100 36.06449 .00624	26.09332 28.12773 30.40107 .98763	.49293 .51192 .49682 .02532	.16551 .18844 .20023 00332	.23531 .26521 .30005	00045 00050 00246 0007	00014 00049 00056	.00145 .00239 .00406

SCALE =

(CA-8) K3V9.1.2TS5 F30G5.3.5TS401

(TJF056) ( 07 JUN 76 )

### REFERENCE DATA

.0405

SREF = 2690.0000 SQ.FT. XMRP = 1109,0000 IN.XO474.8100 IN. LRFF = YMRP = .0000 IN.YO BREF = 936.6800 IN.

ZMRP = 375.0000 IN.ZO

PARAMETRIC DATA

BETA .000 RN/L = 1.090 IORB 6.000 ELEVON = -5.000

SPDBRK = -11.700

		RUN NO.	56/ D R	N/L = .00	GRADIENT	INTERVAL :	= -5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
, 155	-1.752	.00000	35.23136	1,90698	26016	.01690	. 12438	00544		
. 155	.256	.00000	35.18901	3.89258	21542	.00733			.00102	.00172
155	2.349	.00000	35.14348	5.95962	16322	00056	.13258	00544	00055	.00173
. 155	4.491	.00000	35.24478	8.07904	10388	00479	.13912	00633	.00036	.00185
. 155	5.527	.00000	35.28830	9.10472	- 07404	00479	. 14554	00538	.00026	.00212
. 155	6.406	.00000	35.25387	9.97064	04530	00524	.14920	00557	.00046	.00170
. 155	7.493	.00000	35.04027	11.04392	01193	00339	.15167	00449	.00023	.00216
. 154	8.513	.00000	35.01762	12.05122	.02388	00539	.15509	00528	.00029	.00201
. 155	9.459	.00000	35.05677	12.98413	.05618	.00338	.15906	00558	.00028	.00212
155	10.474	.00000	35.07669	13.99913	.08957	.00336	.16265	00540	.00026	.00213
. 155	11.435	.00000	35.13122	14.94785	.12158	.01417	16555	00567	.00031	.00251
. 155	12.444	.00000	35.12302	15.95164	.16119	.02239	.16998	00495	.00042	.00246
.155	13.345	00000	35.22669	16.84816	.19105	.02979	.17417	00527 00367	.00045	.00240
. 155	14.500	.00000	35.21342	18.00366	.23607	.04234	.17790	00540	.00031 .00054	.00256
. 155	15.542	.00000	35.26084	19.05098	.27010	.05323	.18786	00521	.00050	.00222
.155	16.518	.00000	35.23855	20.03008	.30444	.06550	19245	00505	.00054	.00204
. 155	17,494	.00000	35.30951	21.01117	.33969	.07911	.19749	00489	.00034	.00174 .00203
. 155	18.582	.00000	35.38348	22.11271	.37898	.09620	.20312	00323	.00043	.00203
. 156	19.600	.00000	35.52514	23.14640	.40992	.11214	.20861	00142	.00042	.00170
. 155	20.567	.00000	35.32848	24.11960	.44323	.12997	.21569	00265	.00055	.00120
. 155	21.623	.00000	35.38955	25.19102	.47096	.14723	.22402	00093	.00019	.00151
. 155	22.575	.00000	35.40364	26.16302	.49190	16221	.23425	00242	.00058	.00132
.155	23.567	.00000	35.38535	27.17840	.50470	.17462	.24761	00215	.00037	.00154
. 155	24.587	.00000	35.31307	28.22978	.51179	.18493	.26621	00237	.00001	.00236
.157	25,613	.00000	35.98503	29.28271	.51196	.19388	.27948	00250	00041	.00369
. 157	26.692	.00000	36.08571	30.39200	.49791	19644	.29748	00393	00019	.00339
	GRADIENT	.00000	00004	.98853	.02504	00350	.0336	00003	00012	.00006
	机工具 医结节 化二十二烷基乙烷									

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SCALE =

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5

F30G5.3.5TS401

(TJF057) ( 07 JUN 76 )

PARAMETRIC DATA

.000

### REFERENCE DATA

SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. XMRP = 1109.0000 IN.X0YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO BREF = 936.6800 IN.

.0405

BETA IORB SPDBRK =

1.090 RN/L -5.000 ELEVON =

CSL

PAGE 589

8.000 -11.700

					INTERVAL =	= 00/	= 00
DI INI NO	57/ 0	1 PN/1 =	= 00	GEADLENI	INIERVAL =	-5.00/	0.00
KON NO.	. J. 11	11147		00	• • • • • • • • • • • • • • • • • • • •		

MACH	ALPHAN	BETA	Q(PSF)	ALPHAO	CL	CD	LLM	00527	.00064	.00177
. 155	-1.701	.00000	35.29772	3.97287	13963	.01642	. 13368	00543	.00033	.00185
.155	.341	.00000	35.16368	5.98811	09322	.01007	.14104	00043 00704	.00018	.00186
.155	2.338	.00000	35.13130	7.95472	04165	.00692	.14779	00735	.00021	.00191
. 155	4.404	.00000	35.21231	10.00438	.02416	.00858	.15506	00706	21000	.00196
.155	5.423	.00000	35.21922	11.01206	.05760	.01050	. 1 5920	00723	.00014	.00198
.155	6.606	.00000	35.29012	12,18315	.09327	.01409	.15343	00723	.00000	.00239
. 155	7.435	.00000	35.30276	13.00419	.11679	.01803	.15598	00777	.00021	.00212
. 155	8.510	.00000	35.38526	14.06561	. 15280	.02327	17078	00645	.00025	.00210
.155	9.387	.00000	35.43734	14.93774	.17994	.02864	.17475	00738	.00026	.00178
. 155	10.412	.00000	35.38259	15.94351	.21608	.03700	.17883	00635	.00016	.00194
.155	11.577	.00000	35.24162	17.10567	.25888	.04805	. 18370 . 18676	00630	.00012	.00190
.155	12.290	.00000	35.21244	17.87698	.28519	.05554		00811	.00022	.00183
. 155	13.518	.00000	35.25140	19.05512	.33180	.07013	.19205	00690	.00014	.00147
. 155	14.608	.00000	35.30853	20.14665	.36696	.08413	.19075	00530	.00013	.00134
. 155	15.559	.00000	35.23214	21.09496	.40351	.09875	.20376	00564	00034	.00171
. 155	16.550	.00000	35.30132	22.08738	.43734	.11421	.20864	00505	00034	.00169
. 155	17,600	.00000	35.40086	23.13789	.47700	.13347	.21404	00526	00050	.00136
. 155	18.681	.00000	35.24985	24.23533	.51154	.15269	.21979	00473	00096	.00150
. 155	19.581	.00000	35.35856	25.14781	.5-175	.17131	.2560	00309	00110	.00153
. 155	20.557	.00000	35.40976	26.13252	.56723	.18992	.23526	00519	00087	.00151
.155	21.605	.00000	35.38242	27.19599	.59170	.20954 .22745	.24503	00534	00075	.00181
. 155	22.510	.00000	35.36227	28.21646	.60963	.24297	.26062	00396	00072	.00159
.156	23.6!0	.00000	35.62406	29.24235	.61975	.25512	.27728	00542	00083	.00280
. 156	24.595	.00000	35.59081	30.26058	-62155	.25978	.29560	00603	00175	.00481
.156	25,575	.00000	35.65196	31.26663	.61107		.21964	00670	00150	.00435
. 157	26.609	.00000	36.07122	32.34375	.58348	.25613 00132	.00349	- 00034	00007	.00002
相等部分的	GRADIENT	.00000	01414	.98766	.02674	00136	100010	.5005.		

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CA-8 - FORCE SOURCE DATA TABULATION

PAGE 690

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF058) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690,0000 SQ.FT. XMRP = 1109,0000 IN.XO	REFERENCE L	<b>24.40</b> To the Second Control of the		그들이 있다. 아니트 하는 사람들이 하는 사람들이 있다. 그렇게 되었다.
MACH ALPHAW BETA Q(PSF) ALPHAO CL CD CLM CY CLN CSL 155 -1.806 .00000 35.21958 3.8857214918 .01461 .1319400676 .00075 .00156 155 -2.29 .00000 35.11352 5.894800e956 .00793 .1399090575 .00044 .00229 1.55 2.381 .90000 35.12763 8.0198404485 .00452 .1471200760 .00029 .00192 1.55 2.381 .90000 35.12763 8.0198404485 .00452 .1471200760 .00029 .00192 1.55 4.565 .00000 35.14439 10.18103 .02264 .00618 .1554000798 .00009 .00188 1.55 4.565 .00000 35.23277 12.02724 .08304 .01112 .1323400592 .00009 .00207 1.55 8.531 .00000 35.22587 14.10389 .14936 .02108 .1716600718 .00019 .00206 1.55 10.321 .00000 35.2587 14.10389 .14936 .02108 .1716600718 .00019 .00206 1.55 10.321 .00000 35.15920 15.88050 .21061 .03458 .1789200609 .00012 .00209 1.55 12.420 .00000 35.17206 17.95845 .28536 .05528 .1375000654 .00010 .00173 1.55 12.420 .00000 35.32522 .20.06338 .35945 .08196 .1359800437 .00020 .00195 1.55 16.666 .00000 35.28912 .22.19714 .44292 .11538 .235840078000014 .00113 1.56 18.476 .00000 35.58912 .22.19714 .44292 .11538 .235840078000014 .00113 1.56 18.476 .00000 35.35978 .26.06720 .56688 .18865 .2883900311 .00130 .00146 1.55 20.490 .00000 35.34633 .30.09316 .62183 .25306 .2753200525 .00150 .00249 1.55 24.449 .00000 35.34633 .30.09316 .62183 .25306 .2753200525 .00150 .00249 1.55 24.449 .00000 35.34633 .30.09316 .62183 .25306 .2753200525 .00150 .00249 1.55 26.516 .00000 35.34633 .30.09316 .62183 .25306 .2753200525 .00150 .00249 1.55 26.516 .00000 35.34633 .30.09316 .62183 .25306 .2753200525 .00150 .00249	LREF = 474.8100 IN. BREF = 936.6800 IN.	YMRP = .0000 IN.YO		STAB = -4.000 ELEVTR = .000 IORB = 8.000 ELEVON = -5.000
ALPHAN   BETA   UTPST   ALPHAN   CD   CD   CD   CD   CD   CD   CD   C		RUN NO. 58/ 0 RN/L = .0	GRADIENT INTERVAL =	-5.00/ 5.00
	.155 -1.806 .155 -229 .155 -2.381 .155 -4.565 .155 -6.433 .155 -8.531 .155 -10.321 .155 -12.420 .155 -14.535 .155 -16.666 .156 -18.476 .155 -20.490 .155 -22.514 .155 -24.449	.00000 35.21958 3.88572 .00000 35.11352 5.89480 .00000 35.12763 8.01984 .00000 35.14439 10.18103 .00000 35.23277 12.02724 .00000 35.22587 14.10389 .00000 35.15920 15.88050 .00000 35.17206 17.95845 .00000 35.32522 20.06338 .00000 35.28912 22.19714 .00000 35.59415 24.02965 .00000 35.35978 26.06720 .00000 35.39271 28.12329 .00000 35.34633 30.09316	14918 .01461 05956 .00793 04485 .00452 .02264 .00618 .08304 .01112 .14936 .02108 .21061 .03458 .28536 .05528 .35945 .08106 .44292 .11538 .50349 .14790 .56688 .18985 .60993 .22688 .62183 .25306 .59007 .25877	.1319400676 .00075 .00156 .1399090575 .00044 .00229 .1471200760 .00029 .00192 .1554000798 .00009 .00188 .1523400592 .00009 .00207 .1716600718 .00019 .00206 .1789200609 .00012 .00209 .1375000654 .00010 .00173 .135980043700020 .00195 .23584007800014 .0014 .214160037500084 .00145 .228390031100130 .00146 .247060037100130 .00212 .275320052500150 .00249 .317870078500220 .00507

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

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(IJF059) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

BETA = .000 RN/L = CPEC = 2690 0000 SQ.FT. XMRP = 1109.0000 IN.XO STAB = .000 ELEVTR =	1.090
	.000
OPKER 1994 COMO 444 1941 1941 1951 1941 1941 1941 1941	5.000
·* BEEFE 考示的4/4.8100 (1N2): "可以现代的100 (1N2): "100 (1N2): "10 (10) (10) (10) (10) (10) (10) (10) (1	
BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO	

		RUN NO.	59/ 0 RN	/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
.155 .155 .155 .155 .155 .155 .155 .155	ALPHAW -2.703 .404 2.458 4.381 6.455 8.567 10.452 12.488 11.621 14.621 14.621 16.665 18.579 20.493 22.510 24.521 26.476 ADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.35345 35.23844 35.27754 35.32075 35.59560 35.21986 35.20614 35.33699 35.43691 35.565683 35.565683 35.4395700445	ALPHAO 3.00154 6.06473 8.09680 10.00041 12.05322 14.14218 15.99637 18.01599 20.15914 22.20137 24.13245 26.06720 28.11886 30.18362 32.18646 .98798	CL 16259 09273 03881 .02136 .08808 .15080 .21908 .28790 .36756 .43901 .50905 .56813 .61070 .62301 .58828 .02576	CD .01845 .00872 .00562 .00634 .01214 .02236 .03668 .05661 .08457 .11590 .15186 .19033 .22816 .25506 .2579900173	CLM .12831 .14050 .14751 .15401 .16288 .17098 .17991 .18826 .13689 .20481 .21420 .22718 .24514 .27740 .31796 .00363	CY00584009660085500895009250077000999008000087600736007670064900472007250083100940	CLN .00074 .00044 .00022 .00016 .00010 .00022 .00005 00003 00046 00082 00114 00129 00168 00206 00206	CSL .00195 .00190 .00200 .00194 .00192 .00219 .00172 .00155 .00152 .00149 .00121 .00123 .00168 .00219 .00463

PAGE 692

# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

( 07 JUN 76 ) (TJF060)

REFEREN	E DATA						PARA	AMETRIC DATA	
SREF = 2690.0000 S0 LREF = 474.8100 IN BREF = 936.6800 IN SCALE = .0405		.0000	IN.YO			BET STA TORI BDFI	B = -8 B = 6	.000 RN/L 2.000 ELEVTR 3.000 ELEVON	
	RUN NO.	60/ 0 R	N/L = .00	GRAD!ENT	INTERVAL	= -5.00/	5.00		
MACH ALPHA .155 -2.71 .155 .30 .155 2.32 .154 4.38 .155 6.43 .155 8.44 .155 10.52 .155 12.50 .154 14.54 .155 16.56 .155 20.52 .155 20.55 .156 24.55 .156 24.55 .156 26.96 GRAD LEN	7 .00000 6 .00000 5 .00000 2 .00000 7 .00000 8 .00000 1 .00000 1 .00000 7 .00000 1 .00000 1 .00000 3 .00000	0(PSF) 35.36500 35.18344 35.19965 35.15003 35.21731 35.21958 35.15492 35.17462 35.00046 35.51617 35.36395 35.48643 35.47602 35.96734 36.0235402834	ALPHAO 2.98882 5.97337 7.97051 9.99049 12.02125 14.01121 16.06551 18.03244 20.06338 22.08738 24.06391 26.15431 28.19427 30.21530 32.69635 .98649	CL169581001804317 .01690 .07988 .14767 .21810 .29125 .36290 .43147 .50260 .56254 .60696 .61380 .56336	CD .01867 .00828 .00564 .00589 .01219 .02161 .03689 .05717 .14803 .18816 .22618 .25070 .2498900172	CLM .12791 .13933 .14659 .15412 .16150 .17073 .17987 .18811 .19666 .20477 .21407 .29831 .24755 .27818 .32810 .00369	CY0038700563005290053400552005490061300584005880052000675009530020	CLN .00060 .00037 .00010 .00003 .00019 .00026 .00023 .00023 -00015 00049 00039 00027 00093 00093	CSL .00194 .00189 .00188 .00208 .00195 .00196 .00192 .00180 .00158 .00141 .00147 .00125 .03150 .03150

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF061) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

		and the state of the state of		化二十二烷基 表 电回复 新二二烷 大夫			and the second	2.0	
SREF	= 2690.0000	SO FT YMRP =	1109.0000 IN.XO		BETA	=	.000	RN/L =	1.090
					STAE		-2.000	ELEVTR =	17.000
LREF	= 474.8100	) IN. YMRP =	.0000 IN.YO						
BREF	= 936.6800	IN. ZMRP =	375.0000 IN.ZO		IORE	} =	8,000	ELEVON =	-5.000
			0.01000		DDCI	40 -	-11.700		
CONT	- ถแกร				BUFL	AP =	-11,/00		

= 1	.0405						סט	FLAF 11	, 700	
		RUN NO.	61/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH . 155 . 154 . 155 . 155 . 154 . 155 . 155	ALPHAW -2.736 .302 2.332 4.452 6.456 8.530 10.517 12.539 14.540	BETA .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.24522 35.11926 35.21925 35.22411 35.06066 35.16342 35.25288 35.25288	ALPHAO 2.94872 5.94980 7.95472 10.05994 12.04123 14.09583 16.05331 18.06122 20.06338	CL 16318 09502 03778 .02446 .09013 .15526 .22370 .29689 .36492	CD .01851 .00802 .00506 .00702 .01300 .02302 .03769 .05812 .08322	CLM .12749 .13920 .14693 .15392 .16162 .17074 .17899 .18765	CY 00499 00619 00524 00607 00499 00722 00557 00604 00406	CLN .00037 .00027 .00014 .00006 00002 .00019 .00014 .00013	CSL .00159 .00154 .00165 .00165 .00220 .00167 .00180 .00171
. 155 . 155 . 155 . 155 . 156 . 157	16.527 18.589 20.649 22.641 24.545 26.923 GRADIENT	.00000 .00000 .00000 .00000 .00000	35.38786 35.46671 35.46001 35.58249 35.77965 36.29111 00016	22.15492 24.13674 26.21532 28.24754 30.20172 32.65917 298909	.43938 .51219 .56738 .60784 .61675 .56211	.11512 .15216 .19057 .22747 .25132 .24766	.20454 .21443 .22725 .24678 .27915 .32834 .00370	00419 00140 00344 00370 00183 00381 00011	00011 00039 00039 00026 0006 00121 00004	.00138 .00161 .00131 .00181 .00249 .00536

					-71	

LREF

BREF = SCALE =

# CA-8 - FORCE SOURCE DATA TABULATION

PAGE 694

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS401

(TJF062) ( 07 JUN 76 )

### REFERENCE DATA

.0405

### 2590.0000 SQ.FT, XMRP = 1109.0000 IN.XO 474.8100 IN. YMRP = .0000 IN.YO 935.6800 IN. ZMRP = 375.0000 IN.ZO

PARAME	TRIC	DATA

	BETA = .000 STAB = -2.000 IORB = 8.000 BDFLAP = -11.700	RN/L = 1.090 ELEVTR = -23.000 ELEVON = -5.000	
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		RUN NO.	62/ 0 RN/	/L = .00	GRADIENT	INTERVAL =	-5.00/	5,00		
MACH . 155 . 154 . 155 . 155 . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.628 .271 2.293 4.361 6.413 8.457 10.454 12.509 14.491 16.563 18.593 20.548 22.531 24.523 27.004 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.32666 35.15354 35.18346 35.30720 35.37812 35.16227 35.14297 35.29735 35.36512 35.36512 35.55882 35.43800 35.52162 35.65673 36.37420 00373	ALPHAO 3.09643 5.96453 7.95670 10.01231 12.04523 14.06359 16.02890 18.06944 20.05089 22.12115 24.17531 26.14559 28.16321 30.21078 32.76611 .98913	CL 16855 10288 04656 .01523 .08165 .14535 .21172 .28602 .35830 .43254 .50095 .55684 .60581 .61376 .56145	CD .01686 .00647 .00367 .00464 .01049 .01979 .03381 .05459 .07907 .11055 .14628 .18389 .22323 .24838 .24735	CLM .12871 .13993 .14696 .15407 .16199 .17069 .17875 .18761 .19599 .20502 .21426 .22665 .24720 .27802 .33003 .00363	CY0063400613006690060100582006700069900837006940051300467004670038000552	CLN .00050 .00038 .00017 .00018 .00018 .00039 .0003200004 .000110003400007000110009900006	CSL .00113 .00161 .00166 .00186 .00214 .00191 .00171 .00161 .00147 .00107 .00160 .00253 .00528

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PAGE 695

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TUF063) ( 07 JUN 76 )

### REFERENCE DATA

SREF = LREF = BREF = SCALE =	474.8 936.8	000 SQ.FT. 1100 IN. 800 IN. 1405	XMRP = YMRP = ZMRP =	.0000	IN.YO			BET STA IOR BDF	B =	.000 RN/L -2.000 ELEVTM 6.000 ELEVOM	
			RUN NO.	63/ 0 F	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	ACH - 155 - 154 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	ALPHAW -2.676 .313 2.338 4.376 6.403 8.471 10.443 14.482 14.498 16.514 18.581 20.498 22.566 24.527	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.22787 35.11672 35.14922 35.37841 35.32498 35.32180 35.32180 35.32180 35.36893 35.36893 35.46196 35.6665 35.48220 35.51876	ALPHAO .97337 3.91901 5.92230 7.93499 9.93493 11.98129 13.92260 15.94351 17.97078 19.98847 22.06629 24.00825 26.09332 28.10112	CL30152237411875213209072570061205598 .12506 .19598 .26498 .34496 .40519 .46942	CD .04999 .03314 .02462 .01844 .01718 .02071 .02812 .04202 .06189 .08531 .11777 .14838 .18276 .20646	C_M .13519 .14446 .15069 .15695 .16344 .17141 .17840 .18866 .19897 .20812 .21817 .22748 .24228 .26884	CY002500054100557005880056800792007110058700657004740058700470	.00088 .00102 .00063 .00095 .00094 .00091 .00096 .00114	CSL .00162 .00160 .00168 .00159 .00190 .00182 .00217 .00207 .00205 .00197 .00166 .00154
	. 155	26.978 GRADIENT	.00000	35.59266 .01779	30.60536 .98729	.47943 .02395	.22547 00451	.30297 .00309	00592 00047		,00439 00000

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TJF064) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP =	09.0000 IN.XO .0000 IN.YO 175.0000 IN.ZO			BETA STAB IORB BDFLA	= 6	.000 RN/L 2.000 ELEVTF 3.000 ELEVON .000	
	RUN NO. 64/	0 RN/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.	00		
MACH ALPHAW .155 -2.683 .154 .317 .155 2.345 .155 4.376 .155 6.437 .154 8.426 .154 10.474 .155 12.469 .155 14.567 .155 16.533 .155 18.538 .155 20.623 .155 22.577 .156 24.508 .156 26.947 GRADIENT	.00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35 .00000 35	Q(PSF) ALPHAO .27578 .95139 .20136 3.91608 .26988 5.92426 .23844 7.92907 .26218 9.96072 .11101 11.92336 .04347 13.93871 .31864 15.92928 .32917 18.02421 .31849 19.99263 .34981 22.01145 .50153 24.11960 .61361 26.10203 .71603 28.07452 .65049 30.56901 .00267 .98863	CL297632344118432128420678900348 .06380 .13159 .19767 .26779 .33937 .41223 .46967 .49241 .47412 .02388	CD .05117 .03396 .02578 .02021 .01912 .02302 .03128 .04509 .06357 .08794 .11726 .15319 .18598 .20868 .22191	.14404 .15051 .15671 .16352 .17855 .18845 .19833 .20715 .21688 .24298 .24295 .26697	CY0034900687004130054100363003680057600578005780057800271002870046100017	CLN .00095 .00101 .00078 .00087 .00079 .00072 .00085 .00076 .00088 .00095 .00084 .00107 .00055 .00063 00063	CSL .00148 .00127 .00174 .00151 .00164 .00211 .00210 .00228 .00184 .00187 .00136 .00171 .00192 .00477

# CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TJF065) ( 07 JUN 76 )

				E			

SREF = 2690.0000 SQ.FT. LREF = 474.9100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP =	109.0000 IN.XC .0000 IN.XC 375.0000 IN.XC			BETA STAB IORB BDFLAI	-	.000 RN/L 2.000 ELEVTR 6.000 ELEVON	
	RUN NO. 65	/ 0 RN/L =	.00 GRADIE	NT INTERVAL =	<b>-5.0</b> 0/ 5.0			
MACH ALPHAM .155 -2.742 .155 .293 .155 2.408 .155 4.373 .155 6.439 .155 8.516 .154 10.464 .155 12.529 .155 14.593 .155 16.539 .155 18.567 .155 20.559 .156 22.594 .156 24.555 .157 26.904 .GRADIENT	.00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3	5.38541 5.28732 3.8 5.28735 5.23763 5.29763 6.29089 6.29089 6.14613 6.2082 6.31655 6.31655 6.38652 6.38652 6.44542 6.10819 6.20545 6.20545	PHAO CL 1771529301 1739822873 1645317480 1054012115 1547706428 10127 .00819 10454 .06850 16384 .13901 12832 .20978 17599 .27702 2832 .35682 3394 .41394 0203 .47097 1443 .49594 10997 .48256 18785 .02412	CD .05321 .03709 .02887 .02887 .02780 .02780 .03577 .04997 .07021 .09321 .12560 .15571 .18953 .21248 .22757	.14209 .14868 .15482 .16086 .16873 .17561 .18589 .19619 .20502 .21542 .2472 .24188 .26898 .26898	CY002470048600701006370061000536003920035400392003540014100661	CLN .00107 .00112 .00100 .00105 .00111 .00099 .00112 .00132 .00159 .00159 .00149 .00112 .00105 .000033	CSL .00162 .00119 .00106 .00093 .00104 .00113 .00116 .00111 .00084 .00047 .00097 .00130 .00201 .00384

PAGE 698

# (CA-8) K3V9.1.2TS5H15.6.1F3065.3.5TS402

(TJF066) ( 07 JUN 76 )

### REFERENCE DATA

SREF = 2690									MARIETRIC DATA	
LREF = 474	.0000 SQ.FT. .8100 IN. .6800 IN. .0405	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO			BE ST IO BD	AB =	.000 RN/L -2.000 ELEVTI 6.000 ELEVOI	
		RUN NO.	66/ 0 R	N/L = .00	GRADIENT	INTERVAL :	-5.00/	5.00		
MACH .155 .155 .154 .155 .155 .155 .155 .155	ALPHAW -2.759 .316 2.389 4.351 6.465 8.497 10.506 12.411 14.547 16.567 18.571 20.555 22.561 24.557 26.894 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.30913 35.36033 35.18446 35.25806 35.36071 35.14126 35.23456 35.28784 35.42872 35.55420 35.48112 35.58403 35.87294 35.95127 36.35356 01334	ALPHAO .85810 3.89160 5.93605 7.87384 9.96469 11.97130 13.94475 15.83783 17.97078 19.99679 24.02109 26.05849 28.10112 30.48727	CL2928422577174051209405729 .00297 .07220 .13505 .21524 .28392 .35565 .41541 .47394 .49666 .48651	CD .05443 .03774 .02977 .02501 .02429 .02796 .03746 .05002 .07244 .09636 .12614 .15793 .19030 .21371 .23015	CLM .13176 .14206 .14793 .15407 .16125 .16796 .17576 .18465 .29655 .20618 .21536 .22445 .24413 .26654 .29879	CY 00295 00587 00752 00615 00506 00788 00526 00679 00660 00721 005349 00149 00645 00074	.00100 .00110 .00100 .00098 .00095 .00112	CSL .00144 .00103 .00099 .00125 .00111 .00127 .00101 .00140 .00125 .00121 .00093 .00106 .00077 .00211 .00353

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TJF067) ( 07 JUN 76 )

PARAMETRIC DATA

PAGE 699

SREF = 2590.0000 SQ.FT. XMRP	= 1109.0000 IN.XO				
LREF = 474.8100 IN. YMRP	- 1103.0000 IN.XO		BETA = .000	RN/L =	1.090
BREF = 936.6800 IN. ZMRP	= 375.0000 IN.10		STAB = -2.000		.000
SCALE = .0405	373.0000 14.20		IORB = 6.000	ELEVON =	-5.000

MACH ALPHAN BETA 0(PSF) ALPHAO CL CD CLM CY CLN CSL .1555 -2.708 .00000 35.31189 .9245329558 .05221 .1330300297 .00103 .00139 .1555 -1.751 .00000 35.25353 1.86936 -27272 .04667 .1365700279 .00109 .00157 .155 .322 .00000 35.27664 3.9219522785 .03596 .1431200441 .00098 .00131 .155 .345 .00000 35.20412 5.9183717802 .02756 .1431200441 .00098 .00131 .155 .4.414 .00000 35.28482 7.9645912615 .02218 .1547500641 .00099 .00157 .1555 .4.414 .00000 35.28482 7.9645912615 .02218 .1547500441 .00099 .00119 .155 .4.414 .00000 35.31328 8.9503909099 .02155 .1590100430 .00105 .00099 .154 .155 .4.414 .00000 .00000 .00116 .00099 .02155 .1590100430 .00105 .00099 .154 .00000 .00000 .00116 .00099 .00155 .00009 .00155 .000000			RUN NO.	67/0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
.154	. 155 . 155 . 154 . 155 . 154 . 155 . 155 . 155 . 155	-2.708 -1.751 .323 2.345 4.414 5.417 6.409 7.384 8.468 9.425 10.434 11.467	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.31189 35.25363 35.27664 35.20412 35.28482 35.31328 35.18739 35.15246 35.23439 35.25495 35.25495 35.21688	ALPHAO .92453 1.86936 3.92195 5.91837 7.96459 8.95039 9.93692 10.89661 11.97130 12.9093 13.89441 14.92560	CL2955827272227851780212615090990630802865 .00067 .03684 .07321	CD .05221 .04667 .03596 .02756 .0218 .02155 .02122 .02341 .02564 .02950 .03516	CLM .13303 .13657 .14312 .14879 .15475 .15901 .6161 .6605 .6848 .17330 .17762 .18104	CY00297002790044100606004410042500440004021004210042700573	.00103 .00109 .00098 .00100 .00105 .00105 .00096 .00104 .00108 .00098	.00139 .00157 .00131 .00116 .00119 .00099 .00132 .00153 .00120 .00129
GRADIENI - 00005 - 00360 - 0005 - 0005 - 0005 - 0005	. 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 156 . 156	12.527 13.503 14.511 15.521 16.564 17.589 18.581 19.589 20.564 21.581 22.545 23.586 24.552 25.587 26.923	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	35.21688 35.26575 35.19977 35.29533 35.20301 35.38559 35.548874 35.55809 35.50337 35.52825 35.51005 35.50795 35.71619 35.97844	14.92560 15.97197 16.95030 17.95845 18.96415 20.01344 21.04468 22.05363 23.06562 24.05535 25.08303 26.06285 27.12565 28.11886	.10240 .14003 .17294 .20657 .24198 .28166 .31992 .35262 .38471 .41728 .44418 .46918 .48695	.04088 .04913 .05770 .06776 .07977 .09354 .10865 .12363 .13983 .15675 .17248 .18797 .20124 .21129	.18104 .18652 .19217 .19733 .20152 .20666 .21238 .21673 .22058 .22650 .23293 .24076 .25210	00573 00660 00700 00533 00485 00702 00595 00709 00293 00296 00296 00210 00064 .00038	.00127 .00127 .00122 .00130 .00090 .00127 .00116 .00141 .00092 .00119 .00113 .00117	.00114 .00124 .00132 .00132 .00143 .00131 .00105 .00100 .00121 .00095 .00095 .00094 .00126

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1.090

.000

-5.000

### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TJF068) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO BETA . LREF = 474.8100 IN. .000 RN/L = YMRP = .0000 IN.YO STAB -4.000 ELEVTR = BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO I ORB 6.000 SCALE = . .0405 ELEVON =

			<b>新兴。中国"海</b> "。				ROF	LAP =	.000	
		RUN NO.	68/ 0 R	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.706 -1.775 .323 2.345 4.335 6.388 8.483 10.534 12.567 14.530 16.568 18.571 20.528 22.574 24.533 26.947 GRADIENI	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.30227 35.35006 35.35061 35.28980 35.22988 35.12802 35.23326 35.233715 35.23715 35.523715 35.571960 35.71960 35.553105 35.93961 35.93105 01220	ALPHAO .94504 1.85909 3.93174 5.92328 7.88962 9.91509 11.98728 14.00114 16.02483 17.98311 20.03008 22.04941 24.02109 26.08462 28.09226 30.55538 .98640	CL 29490 27656 23029 17676 12445 06322 .00361 .07372 .13667 .20593 .27905 .34965 .41174 .46930 .489785 .48217	CD .05201 .04604 .03501 .02724 .02150 .02059 .02480 .03419 .04753 .06716 .0921/ .121_8 .15326 .18766 .21181 .2278500434	CLM .13340 .13682 .14339 .14925 .15563 .16221 .16931 .17774 .1869 .19751 .20722 .21670 .22503 .24124 .26821 .30069 .00312	CY0039000619005890080300877007700060900843007120073000799009460081700544003410026900267	CLN .00116 .00113 .00095 .00098 .00099 .00076 .00091 .00114 .00124 .00182 .00149 .00162 .00136 .00008	CSL .00121 .00115 .00126 .00101 .00072 .00087 .00137 .00119 .00130 .00142 .00088 .00060 .00084 .00209 .00471

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

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(TUF069) ( 07 JUN 76 )

SREF = 2690.0000 SQ.FT.	XMRP	= 1	109.0000	IN.XO
LREF = 474.8100 IN.	YMRP	=	.0000	IN.YO
BREF = 936.6800 IN.	ZMRP	<b>=</b>	375.0000	IN.ZO
SCALE = 0405		r de mai	the second process	

BETA		.000	RN/L	=	1.090
STAB	=	.000	ELEVTR	=	.000
IORB	=	6.000	ELEVON	=	-5.000
BDFLAP		.000			

		RUN NU.	697 U R	N/L = .UU	GRADIENT	INIERVAL =	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	-2.716	.00000	35.41167	.92550	28882	.05284	. 13389	00738	.00103	.00097
. 155	-1.722	.00000	35.34957	1.90991	27595	.04724	.13618	00761	.00123	.00088
. 155	.313	.00000	35.25440	3.91510	22894	.03624	. 14264	00641	.00092	.00122
. 154	2.338	.00000	35.17154	5.91542	17643	.02828	.14886	00953	.00100	.00121
. 155	4.403	.00000	35.28885	7.95472	12186	.02319	. 15482	00880	.00107	.00103
. 155	6.424	.00000	35.38922	9.94882	06212	.02195	.16166	00567	.00092	.00114
. 154	8.470	.00000	35.18064	11.96331	.00509	.02655	.16924	00750	.00104	.00125
. 154	10.488	.00000	35.18737	13.94475	.07025	.03524	.17663	00647	.00090	.00124
. 155	12.426	.00000	35.22392	15.87237	.13551	.04827	.18573	00814	.00112	.00124
. 155	14.539	.00000	35.33363	17.98311	.20756	.06896	.19696	01022	.00137	.00112
. 155	16.605	.00000	35.28571	20.05922	.28259	.09478	.20694	00947	.00139	.00101
. 155	18.550	.00000	35.50615	22.02832	. 35328	.12416	.21536	00725	.00106	.00105
.155	20.553	.00000	35.56829	24.04678	.41824	. 15754	.22617	00674	.00146	.00078
. 155	22.601	.00000	35.62028	26.12817	.47201	.18965	.24204	00405	.00109	.00106
. 156	24.636	.00000	35.97100	28.20759	.49857	.21475	.26866	00190	.00025	.00181
.157	26.928	.00000	36.25806	30.52359	.48801	.23104	.30092	00223	00070	.00458
	GRADIENT	ກດດດດ	- 02181	98718	02388	- 00423	00299	- 00027	- 00001	- 000002

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# (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402SS

(TJF070) ( 07 JUN 76 )

# REFERENCE DATA

SREF	= 2690.0000	CO ET					PARAMETRIC DAT	<b>A</b>
LREF BREF	= 474.8100	IN. YMRP	= .0000	IN.XO IN.YO		BETA =	.000 RN/	L = 1.090
SCALE			= 375.0000			STAB =		VTR = .000
						BDFLAP =	.000	VON = -5.000

				BDFLAP =	.000
	RUN NO.	70/0 RN/L = .00	GRADIENT INTERVAL	* -5.00/ 5.00	
MACH ALPHAW .155 -1.781 .155 .345 .155 2.344 .155 4.359 .155 5.405 .154 6.465 .155 7.268 .154 8.518 .155 9.467 .154 10.431 .154 11.487 .155 12.549 .155 13.602 .155 14.599 .155 14.599 .155 15.640 .155 16.605 .155 17.574 .155 18.558 .156 20.613 .156 21.626 .156 22.591 .156 23.643 .156 24.561 .156 26.638 GRADIENT	BETA .00030 .00000	0(PSF) ALPHAO 35.55025 1.83808 35.40745 3.93370 35.23217 5.90658 35.23217 5.90658 35.29871 8.93061 35.12355 9.97858 35.25493 10.82299 34.93398 12.00726 35.25571 12.94001 34.93589 13.88233 35.10670 14.93571 35.29028 15.99230 35.25873 17.04432 35.27347 18.03655 35.31666 19.08408 35.28206 20.05089 35.45871 21.02374 35.60195 22.02410 35.67616 23.04012 35.69901 24.10246 35.78263 25.13053 35.68651 26.10203 35.68038 27.18719 35.62948 28.12329 36.00308 29.23788 36.10362 .98688	CL CD25863 .0479521315 .0374816456 .0300011152 .0254907996 .0252204707 .0258501828 .02804 .01324 .03004 .04912 .03455 .08559 .03971 .12010 .04673 .15508 .05506 .19627 .06570 .22546 .07549 .26548 .08799 .30243 .10155 .33384 .11490 .37015 .13097 .40039 .14767 .43594 .16620 .46291 .18339 .48405 .19898 .50067 .21385 .50837 .22349 .50290 .23106 .49609 .23701	CLM CY	CLN CSL .00091 .00143 .00100 .00152 .00118 .00125 .00125 .00132 .00119 .00121 .00101 .00132 .00087 .00172 .00110 .00121 .00108 .00110 .00108 .00110 .00089 .00137 .00087 .00141 .00089 .00127 .00074 .00135 .00087 .00120 .00089 .00123 .00089 .00123 .00087 .00141 .00089 .00123 .00087 .00141 .00089 .00123 .00087 .00141 .00089 .00123 .00087 .00141 .00089 .00123 .00085 .00103 .00087 .00114 .00089 .00089 .00113 .00073 .00085 .00087 .00104 .00104 .00057 .00114 .00043 .00202 .00025 .00019 .00312 .00019 .00312

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30

TS402

(TJF071) ( 07 JUN 76 )

PAGE . 703

### REFERENCE DATA

### SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO 474.8100 IN. YMRP LREF = .0000 IN.YO 375.0000 IN.ZO BREF = 936.6800 IN. ZMRP =

SCALE = .0405

### .000

1.090 RN/L = STAB -2.000 ELEVTR = .000 IORB 6.000 ELEVON = -5.000 BDFLAP .000

RUN NO. 71/ 0 RN/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	j .

MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	-2.644	.00000	35.23393	.92843	30425	.05202	. 13524	00251	.00082	.00123
.154	.385	.00000	35.15577	3.93076	24000	.03448	. 14620	00352	.00100	.00139
. 155	2.351	.00000	35.37491	5.88399	19673	.02608	.15249	00529	-00111	.00126
. 155	4.473	.00000	35.34522	7.99813	13630	.02025	. 15829	00284	.00084	.00154
.155	5.403	.00000	35.37149	8.91874	11087	.01878	.16118	00327	.00089	.00157
.154	6.461	.00000	35.18243	9.96668	07680	.01908	.16473	00223	.00077	.00187
.155	7.381	.00000	35.27957	10.88268	04712	.01993	.16798	00237	.00064	.00156
.155	8.465	.00000	35.29531	11.95931	0:490	.02219	.17180	00328	.00089	.00131
. 155	9.537	.00000	35.22123	13.02224	.02286	.02624	.17633	00235	.00083	.00147
. 155	10.413	.00000	35.39613	13.89441	.04591	.02963	.17871	00244	.00082	.00128
.155	11.542	.00000	35.28347	15.01664	.08840	.03682	.18477	00289	.00100	.00122
.154	12.502	.00000	35.17616	15.97197	.12254	.04416	.18948	00250	.00112	.00120
. 155	13.566	.00000	35.27129	17.03206	. 15524	.05289	. 19422	00434	.00109	.00118
.155	14.530	.00000	35.28866	17.99955	.19216	.06327	. 19985	00323	.00115	.00129
. 155	15.491	.00000	35.39615	18.95588	.22463	.07431	.20421	00364	.00103	.00139
.155	16.590	.00000	35.36514	20.06338	.26527	.08848	.20887	00256	.00106	.00125
. 155	17.564	.00000	35.41058	21.04049	.30262	.10239	.21415	00331	.00141	.00140
.155	18.579	.00000	35.53087	22.07051	.33694	.11722	.21818	00087	.00115	.00123
.156	19.580	.00000	35.67078	23.08262	.37442	. 13582	.22335	00071	.00144	.00114
. 155	20.512	.00000	35.24675	24.01681	.40316	.15100	.22840	00265	.00138	.00122
. 155	21.556	.00000	35.26076	25.07007	.43831	.16961	.23553	00108	.00152	.00091
.156	22.543	.00000	35.65916	26.06720	.46102	.18484	.24239	.00040	.00119	16000
. 156	23.569	.00000	35.77543	27.11687	.48347	.20032	.25449	.00179	.00051	.00119
. 156	24.487	.00000	35.69510	28.05236	.49580	.21344	.26852	.00190	.00001	.00209
.157	25.575	.00000	36.12959	29.16170	.50091	.22551	. 28558	.00171	00047	.00400
.157	26.973	.00000	36.08230	30.59173	.48322	.22941	.30712	00243	00004	.00437
	GRADIENT	.00000	.02186	.99326	.02334	00451	.00325	00013	.00001	.00003

SCALE = ,0405

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(CA-8) K3V9.1.2TS5 F30G5.3.5TS402

(TJF072) ( 07 JUN 76 )

### REFERENCE DATA

### SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. BREF = 936.6800 IN.

 Array	1103.0000	114. VO		BETA =	.000	RN/L = 1	.090
YMRP =	0000	731 40			. 000	LIANT = I	.090
	.0000	IN.YO		IORB =	6.000	ELEVON = -5	000
ZMRP =	775 0000	111 70			0.000	FLEVUN = -5	.000
211m =	375.0000	IN.ZO		BDFLAP =	000		
				DUFLAP =	.000	こない アール・ストー こうしょうしょう	
						- 1 to 1 to 1 to 1 to 1 to 1 to 1 to 1 t	

E = .0405						00	FLAP =	.000	
	RUN NO.	72/ O R	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH ALPHAW .155 -2.855 .155 .343 .155 2.275 .154 4.406 .154 5.382 .154 6.451 .154 7.403 .154 8.427 .154 9.518 .154 10.450 .155 11.606 .155 12.578 .155 13.590 .155 14.485 .155 15.596 .155 16.609 .155 17.475 .155 18.551 .155 19.492 .155 20.591 .155 21.563 .156 22.644 .156 23.608	RUN NO.  BETA .00000	0 (PSF) 35.60479 35.50479 35.20251 35.35532 35.00703 34.91465 35.09636 35.10671 35.08996 35.14087 35.23086 35.27696 35.27696 35.50397 35.42174 35.36517 35.37760 35.48260 35.52847 35.59578 35.62816 35.65816	ALPHAO .80437 3.94251 5.84864 7.94486 8.90489 9.96469 10.90457 11.91537 12.98814 13.91052 15.04700 16.01263 17.01979 17.93379 19.03030 20.04673 20.91487 22.95941 24.07248 25.04849 26.14995 27.13444	CL299292283818199124790951206221034040006503703067371115413978172952067523785276743096034869379114140634724048639	CD .05520 .03756 .02936 .02369 .02243 .02219 .02385 .03005 .03455 .04234 .04911 .05791 .06762 .07830 .09204 .10463 .12108 .13655 .15505 .17107 .18875 .20104	CLM .13356 .14392 .14987 .15583 .15896 .16526 .16526 .16526 .17344 .17740 .18305 .18712 .19182 .19692 .20030 .20594 .21013 .21487 .21929 .22474 .23967 .25052	CY0034400378003780037900247002370025800243002430044800570003160053500562005090034800174001740012600009	CLN .00097 .00088 .00084 .00081 .00069 .00084 .00089 .00095 .00091 .00097 .00113 .00132 .00097 .00105 .00123 .00151 .00150 .00152	CSL .00108 .00134 .00143 .00127 .00138 .00124 .00140 .00115 .00149 .00136 .00125 .00105 .00154 .00143 .00143 .00103 .00103 .00103 .00083 .00117
.155 25.570 .156 25.570 .157 26.907 GRADIENT	.00000 .00000 .00000	35.57590 35.80703 36.15096 07144	27.98591 29.13931 30.51451 .98354	.49638 .50126 .48321 .02392	.21141 .22358 .22758 00440	.26202 .27805 .29878 .00308	.00296 .00354 .00164 .00004	00027 00039 .00026 00001	.00258 .00398 .00462 .00003

PAGE 705 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (TJF073) ( 07 JUN 76 ) F3065.3.5TS402 (CA-8) K3V9.1.2TS5 PARAMETRIC DATA REFERENCE DATA 1.090 SETA .000 RN/L 1109.0000 IN.XO SREE 2690.0000 SQ.FT. XMRP -5.000 IORB 8.000 ELEVON = LREF 474.8100 IN. YMRP 0000 IN.YO BDFLAP .000 936.6800 IN. ZMRP 375.0000 IN.ZO BREF SCALE .0405 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 73/ 0 RN/L = .00 CSL .00104 £Y -.00462 -.00584 CLN ALPHAW -2.857 CLM BETA Q(PSF) **ALPHAO** CL CD MACH .00120 2.80446 5.88301 7.97248 9.93692 10.96628 35.42910 -.17185 .04799 .13390 .155 .00000 .00104 .00129 .00120 .00125 .00104 .00107 .00114 .00098 -.17165 -.10173 -.05033 .01054 .04106 .03629 .14587 35.04320 . 154 .279 .00000 .03160 .03252 .03484 .03775 .04318 .04749 .15268 -.00508 34.99636 .154 2.400 .00000 .16004 -.00535 4.391 .00000 35.06054 .154 .00075 -.00481 .154 5.435 .00000 35.02893 .07373 .16818 -.00656 .00094 6.455 .00000 35.11326 11.97130 . 154 .17349 .17828 .18303 .18812 -.00388 .00078 7.600 35.43010 13.10450 .155 .00000 -.00613 .00081 .13710 8.527 .00000 35.47169 14.02339 .155 -.00493 -.00475 -.00453 9.539 10.517 .00093 35.38246 15.02271 .16709 .00000 .155 .00101 35.18519 35.30775 .00095 .06233 .00000 .20278 15.97603 . 154 .00109 .00143 .00115 .00000 11.555 12.335 13.515 17.00753 .23325 .07117 .19227 .155 17.77771 18.95588 .07905 .19587 -.00539 .00089 .00000 35.31157 35.36298 .26042 .155 .29931 .33770 .37507 .09288 .20075 -.00411 .00110 .00000 .155 .10656 .12249 .13862 .15679 .17436 .20541 -.00351.00095 14.441 .00000 35.30606 19.88034 . 155 .21068 -.00670 .00118 .00111 20.93999 15.498 .00000 35.26128 .155 15.498 16.567 17.557 18.592 19.632 20.585 21.510 22.644 .21531 .21927 .22273 .00131 .00086 -.00362 .40923 .155 .00000 35.41286 22.01567 .00114 .00112 -.00387 .155 .00000 35.46706 23.00613 .44967 -.00317 -.00369 .00089 .00103 .155 .00000 35.62054 24.05535 .47881 .00078 .00115 . 156 . 155 .00000 25.10894 .51442 .22857

.54255

.56654

.59005

.60237

.60576

.59583 .56820

.02490

35.67875

26.06720

26.99829

28.14991

29.11245

30.11577

31.25290 32.55700 98402

.00000

.00000

.00000

.00000

.00000

.00000

. 155

.156

.156

.155

.156

.156

23.588 24.565

25.672

26.943

GRADIENT

35.67875 35.29259 35.33747 35.72535 35.86332 35.85080 35.80402 35.75159 -.05250

-.00459

-.00422

-.00148

-.00247

.00218

.00027

-.00265

-.00007

.00082

.00082 .00096 .00057 .00065 -.00027 -.00124

-.00003

.00133

.00144

.00139

.00167

.00302

.00554

.23368

.24041

.24842

.26020

.27464

.29339

.31876

.00358

.21426

.23218

.25302

.26746

.27909

.28580

.28483

-.00224

.157

27.007

GRADIENT

.00000

.00000

36.15508

-.00376

32.60807

.98440

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### (CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TUF074) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

-.00154

-.00003

.00605

-.00003

SREF LREF BREF SCALE	= 474.8 = 936.8		XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO			BETA = STAB = IORB = BDFLAP =	.000 RN/L -4.000 ELEVTI 8.000 ELEVOI .000	
			RUN NO.	74/ 0 RI	WL = .00	GRADIENT	INTERVAL =	-5.00/ 5.00		
	MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM CY	CLN	CSL
	.155	-2.728	.00000	35.34213	2.94481	17384	.04674	.1349900	269 .00116	.00150
	. 155	.305	.00000	35,22332	5.92623	13489	.03560	.:461300	579 .00099	.00118
	.155	2.306	.00000	35.20768	7.89159	05260	.03166	.1531900	635 .00101	.00094
	. 155	4.413	.00000	35.33316	9.97660	.00939	.03280	.1609000	492 .00095	.00136
	. 155	6.486	.00000	35.34467	12.01525	.07274	.03815	.1694400	694 .00105	.00109
	.154	8.500	.00000	35.19299	14.00517	.13504	.04772	.1796700	419 .00081	.00121
	. 155	10.320	.00000	35.29224	15.79517	.19305	.06049	.1889900	616 .00124	.00070
	.155	12.605	.00000	35.20269	18.04888	.27133	.08288	.1999300	573 .00135	.00085
	.155	14.439	.00000	35.28111	19.88450	.32948	. 10549	.2083500	355 .00108	.00107
	. 155	16.602	.00000	35.29839	22.04519	.41536	.14081	.2190300	325 .00113	.00102
	.155	18.408	.00000	35.40971	23.86278	.48187	.17471	.2267300	492 .00125	.00109
	. 155	20.556	.00000	35.61682	26.03673	.54779	.21680	.2381100	357 .00102	.00116
	.155	22.573	.00000	35.47496	28.07896	.59395	.25451	.2532400	270 .00051	.00158
	.155	24.663	.00000	35.60261	30.21078	.60759	.28247	.28014 .00	17100069	.00299

.56628

.02555

.28670

-.00204

.32432

.00362

-.00229

-.00035

PARAMETRIC DATA

(TJF075) ( 07 JUN 76 )

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### REFERENCE DATA

	SREF	=	2690.0000	SQ.FT. XMF	P =	1109.0000	IN.XO		BETA	= .	000 RN/L	=	1.090
	LREF	=	474.8100	IN. YMF	P =	.0000	IN.YO		STAB	= -2.	000 ELEV	TR =	.000
Ţ	BREF	=			P =				IORB	<b>=</b> 8.1	000 ELEV	ON =	-5.000
	SCALE	=	.0405						BDFLAP	· = .(	000		

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

		RUN NO.	75/ 0 RI	WL = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CEL
. 154	-1.862	.00000	35.13072	3.77999	15341	.04294	.13821	00312	.00111	.00142
. 154	.420	.00000	35.13403	6.03035	10266	.03546	. 14644	00287	.00083	.00150
.154	2.347	.00000	35.04509	7.92907	05543	.03146	.15301	00495	.00079	.00129
.154	4.422	.00000	35.12963	9.97461	.01381	.03308	.16136	00644	.00101	.00114
.154	5.437	.00000	35.10624	11.00509	.04274	.03494	.16525	00531	.00080	.00133
.155	6,403	.00000	35.25159	11.93135	.07261	.03785	.16906	00559	.00081	.00117
. 154	7.564	.00000	35.14207	13.07841	.10308	.04226	.17417	00485	.00086	15100.
.155	8,485	.00000	35.35915	13.99107	.13449	.04749	.17906	08462	.00094	.00125
.155	9.547	.00000	35.26658	15.03890	. 16256	.05339	.18423	00389	.00103	.00111
. 155	10.424	.00000	35.35299	15.90082	.19666	.06108	.18870	00514	.00121	.00084
. 155	11.440	.00000	35.33718	16.90126	.22958	.07049	.19405	00453	.00103	.00105
. 155	12.633	.00000	35.22346	18.07767	.27553	.08409	.20000	00385	.00102	.00134
. 155	13.473	.00000	35.29139	18.91868	23971	.09324	.20368	00509	.00130	.00107
. 155	14.499	-00000	35.39723	19.94272	. 33728	.10791	.20925	00444	.00130	.00100
. 155	15.514	.00000	35.39925	20.95673	.37747	.12397	.21390	00343	.00101	.00108
- 155	16.501	.00000	35.35156	21.94820	.41134	.13908	.21777	00423	.00113	.00122
. 155	17.738	.00000	35.45626	23.18893	.45814	.16218	.22356	00455	.00118	.00098
. 155	18.496	.00000	35.60344	23.95689	.48179	. 17553	.22609	00396	.00105	.00116
. 155	19.734	.00000	35.52882	25.20831	.52433	.20088	.23228	00241	.00072	.00124
. 155	20.579	.00000	35.64264	26.06285	.54802	.21742	.23763	00215	.00079	.00151
. 156	21.494	.00000	35.67912	26.98512	.56766	.23389	.24300	00158	.00028	.00178
. 156	22.640	.00000	35.69988	28.15434	.59491	. 25597	.25305	00355	.00072	.00170
.156	23,552	.00000	35.76969	29.08111	.60610	.26925	.26561	.00052	-00038	.00150
- 156	24.519	.00000	35.75933	30.07056	.60732	.28057	.27736	.00275	00025	.00276
. 156	25.461	.00000	35.72829	31.02896	.60470	.28887	.29419	.00346	00158	.00529
. 156	26.968	-00000	35.91010	32.57557	-56549	. 28541	. 32348	.00068	00089	.00497
	GRADIENT	.00000	00432	. 98574	.02637	00163	.00366	00057	00002	00005

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DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F30G5.3.5TS402

(TJF076) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

.000 RN/L \*
.000 ELEVTR =
8.000 ELEVON = 1.090 BETA = XMRP = 1109.0000 IN.XO SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. YMRP = .0000 IN.YO STAB = .000 -5.000 IORB = ZMRP = 375.0000 IN.ZO BDFLAP = .000 SCALE = .0405

		RUN NO.	76/ 0 R	1/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
.154	-2.709	.00000	35.19950	2.94823	16924	.04719	. 13523	00178	.00102	.00154
.154	.303	.00000	35.09904	5.91346	10055	.03612	.14683	00398	.00060	.00165
, 154	2.329	.00000	35.12301	7.90935	05187	.03226	15317	00690	.00089	.00112
. 154	4.324	.00000	35.15562	9.87939	.01221	.03421	.16066	00647	.00096	.00132
. 155	6.459	.00000	35.33136	11.99128	.07455	.03897	.16926	00798	.00093	.00111
. 155	8.407	.00000	35.33098	13.91454	.13484	.04772	.17863	00754	.00112	.00106
. 155	10.527	.00000	35.20843	16.00043	.20472	. 06341	. 19026	00669	.00108	.00090
. 155	12,604	.00000	35.23756	18.05299	.27341	.08436	.19974	00674	.00126	.00098
.154	14.465	.00000	35.18998	19.91360	. 34045	.10856	.20870	00456	.00112	.00104
.155	16,469	.00000	35.27659	21.91869	.41112	. 13994	.21773	00713	.00136	.00107
. 155	18.516	.00000	35.49595	23.97829	.48086	.17626	.22501	00684	.00133	.00078
.155	20.415	.00000	35.63468	25.90188	.54460	.21498	.23617	00503	.00115	.00107
.156	22.411	.00000	35.69170	27.92392	.59517	.25378	.25159	00366	.00069	.00151
.155	24.435	.00000	35.59996	29.98924	.61821	.28423	.27965	.00159	00093	.00372
.156	26.972	.00000	35.88046	32.58486	.56690	.28659	.32265	.00064	00125	.00580
	GRADIENT	.00000	00606	.98542	.02546	00195	.00358	00074	00000	00005

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### DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2T\$5H15.6.1F20G5.3.5T\$402

(TJF077) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	474. 936.	0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	.0000	IN.YO			BE ST 10 BD	AB = -	.000 RN/L 2.000 ELEVTE 5.000 ELEVON	·
			RUN NO.	77/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH - 154 - 1554 - 1554 - 1554 - 1555 - 1555 - 1555 - 1555 - 1555 - 1555 - 1555 - 1555 - 1555 - 1555	ALPHAW -2.847 .300 2.197 4.290 5.326 6.356 7.321 8.430 9.400 10.414 11.523 12.416 14.419 15.456 16.546 17.467 18.446 19.495 20.540 21.516 22.675 23.547	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.00326 35.09624 34.97641 35.08923 35.115275 35.15275 35.20465 35.20465 35.20465 35.20465 35.20178 35.19914 35.18956 35.19914 35.28174 35.40123 35.40123 35.40127 35.51373 35.51283 35.40817 35.42027 35.34771 35.34771	ALPHAO .83905 3.94839 5.81820 7.88370 8.90687 9.92105 10.87671 11.97330 12.92998 13.93065 15.02271 15.91912 16.89309 17.89270 18.92281 20.01760 20.93999 21.92291 22.97640 24.02537 25.01396 26.18481 27.06415	CL157860829503633 .02239 .05197 .08150 .10798 .14136 .17183 .19980 .23816 .26211 .29582 .32977 .36575 .40245 .43436 .46944 .50057 .53165 .56831 .56426	CD .05155 .04432 .04018 .03863 .03995 .04224 .04972 .05551 .06109 .07073 .07839 .08902 .10124 .11473 .12980 .14418 .16076 .17652 .19744 .21464 .21464 .21464 .23272	CLM .10441 .11231 .11789 .12422 .12751 .13096 .13434 .13857 .14323 .14749 .15373 .15730 .16292 .16820 .17330 .17849 .18276 .18740 .19239 .19780 .20558 .21134	CY0030800424004780031600530005300054800521003720057000508005700050800536005090059700366003660020800208	CLN .00076 .00069 .00079 .00055 .00074 .00070 .00081 .00082 .00077 .00094 .00105 .00091 .00105 .00066 .00105 .00085 .00095 .00095	CSL .00121 .00110 .00143 .00110 .00150 .00132 .00117 .00133 .00113 .00120 .00151 .00129 .00127 .00096 .00130 .00111 .00161 .00139 .00179 .00183 .00175
	.156 .156	24.608 26.887 GRADIENT	.00000 .00000 .00000	35.71158 35.88663 .00682	28.14547 30.46458 .98700	.55859 .54247 .02511	.23824 .25468 00187	.24586 .27397 .00277	00098 00350 00018	81000 28000 00000	.00323 .00622 00000

CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8) K3V9.1.2TS5H15.6.1F20

TS402

( 07 JUN 76 ) (TJF078)

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = ZMRP = 37	99.0000 IN.XO .0000 IN.YO 15.0000 IN.ZO			IORB = 6 BDFLAP =	.000 RN/L = 1.090 .000 ELEVTR = .000 .000 ELEVON = -5.000
	RUN NO. 78/	0 RN/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	
MACH ALPHAW .155 -2.773 .155 .258 .155 2.259 .154 4.313 .154 6.240 .154 8.322 .154 10.393 .155 12.421 .155 14.426 .155 18.508 .155 20.471 .155 22.484 .155 26.892	.00000 3500000 3500000 3500000 3500000 3500000 3500000 3500000 3500000 3500000 3500000 35.	1(PSF) ALPHAO 41870 .85908 30816 3.86516 22380 5.85650 17132 7.89554 19975 9.80600 21712 11.87543 21679 13.93669 22858 15.95570 26510 17.94201 29110 19.95103 35493 22.02832 48386 24.01253 58465 26.03673 44387 28.13216 59733 30.50543	CL150650858803911 .01708 .07664 .13778 .20131 .26189 .32619 .39022 .46819 .52731 .56676 .56681 .54765	CD .05759 .04675 .04179 .03999 .04350 .05059 .06295 .07948 .10175 .12771 .16309 .19815 .22888 .24385	CLM CY .1040500290 .1126600643 .1189400414 .1247700132 .1313800239 .1391500317 .1487000242 .1587600314 .1696500419 .1794400296 .1898400353 .2007100010 .2183100223 .2525400013	CLN CSL .00098 .00112 .00096 .00109 .00072 .00118 .00059 .00163 .00074 .00160 .00069 .00131 .00077 .00144 .00082 .00136 .00093 .00160 .00062 .00158 .00083 .00142 .00074 .00160 .00122 .00172 .00013 .0028800165 .00533

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(CA-8) K3V9.1.2TS5H15.6.1F20

(TJF079) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

### SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.X0BETA .000 RN/L = 1.090 LREF = 474.8100 IN. YMRP = .0000 IN.YO STAB -2.000 ELEVTR = .000 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO IORB 6.000 ELEVON = -5.000 SCALE = .0405 BDFLAP = .000

T5402

		RUN NO.	79/ 0 R	N/L = .00	GRADIEN	T INTERVAL =	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CI_M	CY	<b></b>	
. 154	-2.778	.00000	35.18761	.84540	- 15256	.05839	.10311	00386	CLN	CSL
. 154	.176	.00000	35.13699	3.77705	08515	.04755	.11264		.00110	.00099
. 154	2.191	.00000	35.10073	5.78186	03888	.04241	.11837	00695	.00106	.00115
.154	4.248	.00000	35.14908	7.82453	.01365	.04023	.12434	00418 00226	.00072	.00157
. 154	5.244	.00000	35.14992	8.81194	.04818	.04169	.12792	00554	.00078	.00157
.154	6.428	.00000	35.16898	9.98850	.08207	.04403	.13195	00390	.00079	.00121
. 154	7.251	.00000	35.16775	10.80508	.10466	.04698	.13480	00479	.00052	.00158
. 155	9.315	.00000	35.22381	12.85580	.16669	.05659	.14331	00354	.00065 .00070	.00127
. 154	10.407	.00000	35.21612	13.94273	19994	.06393	.14830	00534	.00070	.00163
. 154	11.417	.00000	35.19103	14.93571	. 23238	.07156	.15390	00475	.00084	.00130
. 154	12.469	.00000	35.12582	15.98417	.26302	.08095	. 15932	00607	.00092	.00131
. 154	13.482	.00000	35.17902	16.99117	.29486	.09131	.16449	00677	.00120	.00108
. 155	14.545	.00000	35.25061	18.05299	.32712	.10337	.16951	00378	.00062	.00174
. 155	15.502	.00000	35.28300	19.00549	.36031	.11579	.17499	00540	.00120	.00098
. 155	16.490	.00000	35.32887	19.99679	.39257	.12942	.17927	00536	.00076	.00149
. 155	17.451	.00000	35.54264	20.94836	.42973	.14548	.18422	09562	.00099	.00110
. 155	17.707	.00000	35.47940	21.20397	.43621	. 14950	. 18520	00513	00084	.00135
.155	18.521	.00000	35.37279	22.03676	46445	.16222	.18949	00546	.00087	.00149
. 155	19.512	.00000	35.45991	23.02738	.49477	.17942	.19417	00280	.00075	.00152
.155	20.602	.00000	35.49168	24.12817	.52844	.19972	.20047	00252	.00075	.00157
.155	21.611	.00000	35.54571	25.13917	.55119	.21685	.20799	00356	.00110	.00168
.155	22.627	.00000	35.62437	26.16302	.56292	.22949	.21890	00230	.00082	.00187
.155	23.475	.00000	35.58289	27.03780	.56174	.23490	.23346	00238	.00094	.00164
. 155 . 155	24.508 25.593	.00000	35.50143	28.08782	.55749	.24089	. 25072	00198	.00044	.00273
.156	26.877	.00000	35.50618	29.19306	.55182	-24816	.26421	00214	00005	.00290
. 1.50	GRADIENT	.00000	35.77506	30.49181	,53948	.25580	.28095	00364	00127	.00522
	OUMD LE MI	.00000	00721	.99343	.02355	00263	.00302	.00027	00006	.00009

		(CA-8)	K3V9.1.2TS5H18	6.6.1F20	TS402			(TJF080) (	07 JUN 76 )
REFERENCE D	ATA						PAR	MAMETRIC DATA	
SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = ZMRP =	1109.0000 .0000 375.0000				BETA STAB IORB BOFLAP		.000 RN/L .000 ELEVTR 6.000 ELEVON	
	RUN NO. 8	0/0 RN	VL = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	)		
MACH ALPHAW .155 -2.818 .155 .231 .154 2.160 .154 4.341 .155 6.376 .155 8.436 .155 10.475 .155 12.425 .155 12.425 .155 14.314 .155 16.496 .155 20.543 .156 22.567 .155 24.614 .157 26.863 GRADIENT	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.23571 35.26475 35.19490 35.21954 35.21954 35.24292 35.32922 35.36959 35.39663 35.62882 35.79655 35.53690 36.26830 00449	3.82502	CL 15147 08422 03640 .02122 .08293 .14443 .20409 .26754 .32650 .40521 .47091 .53261 .56582 .55826 .54267 .02408	CD .05898 .04747 .04309 .04133 .04438 .05306 .06469 .08216 .10239 .13280 .16443 .20045 .22954 .24554 .25648	.1032111240118471250213152139611481315906168841798918923200342196024994	00296 00549 00549 00224 00224 002310 00310 00340 00340 00349 00159 00159 00188 00268 00097 00268	CLN .00086 .00091 .00093 .00080 .00078 .00076 .00124 .00102 .00117 .00079 .00135 .00146 00125	CSL .00089 .00094 .00093 .00148 .00147 .00116 .00149 .00101 .00123 .00110 .00145 .00108 .00171

PAGE 713

# (CA-8) K3V9.1.2TS5H15.6.1F20TS402

(TJF081) ( 07 JUN 76 )

### REFERENCE DATA

SREF = 2690.0000 SQ.FT							
LREF = 474.8100 IN.	XMRP = YMRP =	0X.NI 0000.E011 0Y.NI 0000.			BETA = STAB =	.000 RN/L 3.000 ELEVTR	± 1.090 = .000
BREF = 936.6800 IN. SCALE = .0405	ZMRP =	375.0000 IN.ZO			IORB = BDFLAP =	6.000 ELEVON	
	RUN NO. 8	31/ 0 RN/L = .00	GRAD!ENT	INTERVAL =	-5.00/ 5.00		
MACH ALPHAW .154 -2.792 .154 .213 .154 .205 .154 .360 .154 .346 .154 8.274 .154 10.548 .154 10.548 .154 11.464 .154 16.545 .155 20.548 .155 20.548 .155 22.448 .155 24.488 .156 26.848 GRADIENT	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000		CL148210918103585 .02363 .07960 .13815 .20904 .27032 .33119 .40569 .47298 .53211 .56907 .57058 .54464 .02386	CD . 05921 . 04925 . 04396 . 04259 . 04552 . 05309 . 06666 . 10559 . 13408 . 16598 . 20143 . 23050 . 24563 . 2580900237	CLM - CY .103270040 .112140046 .117710080 .124590052 .130950029 .38220046 .48940047 .58560080 .68940047 .179710044 .189200043 .217000042 .251160021 .2811300266 .002960039	0 .00077 0 .00091 0 .00077 1 .00068 1 .00075 6 .00085 2 .00122 6 .00087 7 .00106 7 .00111 00124 0 .0019	CSL .00096 .00126 .00079 .00119 .00140 .00162 .00108 .00087 .00139 .00125 .00138 .00159 .00168 .00302 .00478

.00006

### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

( 07 JUN 76 ) (TJF082)

### REFERENCE DATA

GRADIENT

.00000

-.01042

.99423

PARAMETRIC DATA

-.00006

LREF	= 474. = 936.	0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	.000	00 IN.XO 00 IN.YO 00 IN.ZO			BE ST/ I OF BDF	AB = -	.000 RN/L 4.000 ELEVTR 6.000 ELEVON	
			RUN NO.	85/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH	ALPHAW	BETA	Q(PSF)	The second secon	CL	CD	CLM	CY	CLN	CSL
	.155	-2.773	.00000	35.23695		-,14401	.02657	.09337	00511	.00058	.00098
	. 154	.147	.00000	35.09097	7 3.79663	08459	.01690	.10369	00428	.00036	.00175
	. 154	2.302	.00000	35.04416	5 5.93899	03027	.01290	.11192	00290	.00015	.00164
	. 154	4.360	.00000	35.18698	7.98629	.02972	.01241	.11898	00393	.00020	.00142
<b>"你就去我</b> "	. 154	6.385	.00000	35.18528	9.99445	.08837	.01597	.12535	00406	.00013	.00167
	. 154	8.303	.00000	35.11957	7 11.90339	.14853	.02332	.13222	00387	.00015	.00146
	.154	10.396	.00000	35.15566	13.98301	.21098	.03491	.14000	00413	.00015	.00158
설립 장치하다	.154	12.371	.00000	35.20025	15.93944	.27790	.05157	. 14838	00388	.00020	.00143
	.154	14.438	.00000	35,18055	17,99544	.34688	.07334	. 15828	00414	.00026	.00148
	. 154	16.471	.00000	35.20501	20.02176	.41885	.10007	.16862	00594	.00024	.00115
	.155	18.502	.00000	35.52097		.48670	.13250	.17837	00150	00016	.00123
	.155	20.515	.00000	35.47018		.54914	16804	.19163	00169	00006	.00121
	. 155	22.519	.00000	35.53296		.58550	.19934	.21293	00124	00007	.00159
	. 155	24.487	.00000	35.65791		.57571	.21081	.24579	00407	00044	.00195
ad affiliation	. 156	26.884	.00000	35.78880		.55053	.22330	.28093	00766	00153	.00439
		20.001	.00000	33.70000		. 33033			.00700	.00133	.00.05

.02426

-.00203

.00361

.00022

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# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F20TS401

(TJF083) ( 07 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

	选 化铁铁铁铁 网络排放 人名英格兰							
			\ <b>.</b> ^		BETA =	.000	RN/L =	1.090
SREF = 2690.0000	SO.FI. XMRP :	<ul> <li>1109.0000 IN.</li> </ul>	XU		DE IA			
					STAB =	-2.000	ELEVTR =	.000
LREF = 474.8100	IN. YMRP	= .0000 IN.	10					
BREF = 936.6800	TN 7MDD	= 375.0000 IN.	70		 IORB ≕	6.000	ELEVON =	-5.000
		- 3/3.0000 114.	20					and the second
COME - DUDE	医动物 建氯化物 化电子基础 网络大家医鼠鼠		for the second of the second of the second	the control of the co	RDFLAP =	-11.700	and the second of the second of the second	

		RUN NO.	83/ 0 Rt	N/L = .00	GRADIEN	T INTERVAL	= -5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
.154	-2.765	.00000	35.07737	.91183	14370	.02676	.09379	00899	.00089	.00115
. 154	. 193	.00000	35.03162	3.85048	07788	.01725	.10479	00872	.00047	.00139
. 154	2.248	.00000	34.97641	5.88890	02867	.01295	.11198	01135	.00023	.00114
. 154	4.299	.00000	35.18835	7.93105	.02534	.01242	.11862	00939	.00012	.00132
. 154	5.246	.00000	35.18945	8.86929	.05174	.01376	.12150	00721	.00012	.00181
. 154	6.393	.00000	35.20204	10.01033	.08785	.01619	.12529	01044	.00026	.00098
.155	7.375	.00000	35.24796	10.98220	.11906	.01988	15881	00840	.000.0	.00129
.154	8.277	.00000	35.17912	11.88142	.14809	.02372	.13207	01028	.00017	.00108
.154	9.476	.00000	35.21059	13.07239	.18081	.02968	. 13571	00820	.00007	.00126
. 154	10.461	.00000	35.22789	14.04344	.21778	.03650	.14025	01002	.00028	.00099
.154	11.356	.00000	35.19855	14.93571	.24412	.04305	.14400	00944	.00024	.00148
.154	12.429	.00000	35.14238	16.00450	.27770	. 05224	. 14849	00981	.00019	.00119
. 155	13.508	.00000	35.23612	17.07704	.31469	.06325	. 15356	00889	.00025	.00135
.155	14.428	.00000	35.24020	17.99133	. 34671	.07377	.15809	01144	.00059	.00086
. 155	15.500	.00000	35.34160	19.05512	. 38303	.08709	.16299	00916	.00031	.00129
.155	16.565	.00000	35.34940	20.12166	.41967	.10155	.16855	00985	.00013	.00111
.155	17.574	.00000	35.48138	21.13269	.45035	.11598	.17290	00901	.00005	.00111
.154	18.465	.00000	35.10048	22.02832	.48776	.13229	.17858	00939	.00002	.00108
. 155	19.444	.00000	35.34423	23.01463	.51602	.14897	.18393	00774	.00000	.00092
. 155	20.545	.00000	35.33369	24.11103	.54731	. 16847	.19112	00662	00008	.00110
. 155	21.579	.00000	35.36062	25.15645	.57556	. 18708	.20217	00732	.00025	.00091
.155	22.555	.00000	35.45323	26.15431	.58555	.19989	.21350	00566	00005	.00139
. 155	23.670	.00000	35.58715	27.30157	.58064	.20655	.23321	00628	00027	.00153
. 156	24.507	.00000	35.97679	28.14547	.57453	.21020	.24935	00732	00021	.00163
.156	25.600	.00000	35.94208	29,25581	.56472	.21627	.26238	00708	00074	.00229
. 156	26.879	.00000	35.84171	30.56447	.54982	.22345	. 28266	00961	00175	.00478
医动物 医皮肤	GRADIENT	,00000	.01015	.99349	.02385	00209	,00352	00016	00011	.00001

NΔ	TF	06	. 11.1	•	75
-		·uo·	UU		10

### CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(TJF094) ( 07 JUN 76 )

REFE	RENCE	DATA		
500	ar file file	41 14 17		

2690.0000 SQ.FT. XMRP

## PARAMETRIC DATA

LREF	= 474.8 = 936.6	000 SQ.FT. 1100 IN. 1800 IN. 1405	XMRP = YMRP = ZMRP =	.0000	IN.YO			BETA STAR I ORR BOFL	3 = .	000 RN/L 000 ELEVTR 000 ELEVON 700	
			RUN NO.	847 0 RM	NL = .00	GRADIENT	INTERVAL =	-5.00/ 5	5.00		
	MACH .154	ALPHAW -2.7_1	BETA .00000	Q(PSF) 35.00326	ALPHAO .91476	CL 13950	CD .02611	CLM .09369	CY 01053	CLN .00084	CSL .00125
	.154 .154 .154	,166 2,373 4,252	.00000	34.92521 34.94161	3.81132 6.00186	08065 02261	.01737	.10395	01074 00982	.00047	.00159 .00149
	.154	6.279 8.281	.00000 .00000 .00000	34.97755 34.97563 35.02032	7.87384 9.88335 11.87543	.02724 .08643 .14893	.01331 .01669 .02429	.11836 .12499 .13226	00946 00857 00839	.00016 .00013 .00003	.00119 .00145 .00154

.154 10.237 .00000 .00113 .00111 .00155 .00117 34.98211 13.81590 .21043 .03588 .13933 -.00912 .00027 . 154 12.506 .00000 35.08734 16.06958 .28731 .05429 -.00877 14880 .00038 . 154 14.343 .00000 35.13705 17.89681 .34430 .07310 .15744 -.00911 .00028 . 155 16.433 .00000 35.27548 19.98015 .41528 .10032 .16785 -.00937 .00027 .155 18.496 .00000 35.37483 22.05363 .48953 .13320 .17926 -.00931 .00007 .00084 .155 20.535 .00000 35.50727 24.10674 .55378 .17072 .19239 -.00659 .00000 .00088 .155 22.450 .00000 35.65746 26.04543 .58653 .19992 .21166 -.00573 -.00026 .00154 24.536 .155 35.62006 .00000 28.16765 .57539 .24720 .21156 -.00015 .00137 -.00741 . 156 26.883 .00000 35.72739 30.54630 -.00961 .54993 .22357 .28179 -.00159 .00464 GRADIENT .00000 -.00373 .99356 .02388 -.00187 .00354 .00017 -.00010 -.00001

> REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

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1.090

-5.000

DATE 06 JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5 F20TS401

(TUF085) ( 07 JUN 76 )

RN/L = ELEVON =

PARAMETRIC DATA

.000

### REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405

10RB = 6.000 BDFLAP = -11.700

BETA

MACH	ALPHAW -2.902 -1.834 .240 2.242 4.253 5.277 6.346 7.369 8.354 10.357 11.402 12.405 13.456 14.441 15.503 16.453 16.453 18.552 20.526 21.499 23.499 23.499 24.533 25.503	BETA .00000	0 (PSF) 35.38773 35.10535 35.10535 35.10535 35.05086 35.27409 35.36409 35.24845 35.28856 34.82601 835.23889 35.35124 35.35124 35.35124 35.35124 35.35124 35.35124 35.3512 35.5024 35.5	ALPHAO .76872 1.82880 3.89552 5.88890 7.88962 8.90687 9.97461 10.98618 11.95732 12.94402 13.92864 \$14.97415 15.97197 17.01979 17.99955 19.06339 20.02592 21.11173 22.03254 23.12513 24.09818 25.06576 26.08462 27.10808 28.17652 29.17515	CL1431512119077970260202587 .05244 .08558 .11945 .14887 .14887 .23994 .23992 .27727 .31529 .34671 .38138 .41195 .44887 .44887 .44887 .456134	CD .02898 .02534 .01873 .01502 .01416 .01534 .01767 .02132 .02527 .03097 .03641 .04403 .05305 .06359 .07454 .08771 .10920 .11613 .13169 .14999 .16928 .18520 .19966 .20535 .20945 .21440	CLM .09352 .09762 .10488 .11222 .11837 .12106 .12463 .12811 .13132 .13502 .13853 .14224 .14722 .15191 .15670 .16161 .16582 .17068 .17573 .18177 .18873 .18973 .19729 .20822 .22497 .24289	CY0031900545004690064100399002330016500406003900062300401007160073300567005650051900163001630016300163001630016300163005160051600516	CLN .00035 .00053 .00025 .00003 .00012 .00016 .00016 .00011 .00022 .00041 .00055 .00043 .00049 .00031 .00003 00014 00025 00025 00028 .00003 00003 00003 00003 00003 00003 00003 00003 00003 00003	CSL .00138 .00142 .00157 .00160 .00199 .00117 .00156 .00119 .00147 .00156 .00117 .00156 .00135 .00114 .00122 .00160 .00135 .00114 .00123 .00177 .00224 .00468	
.156 .156	25.513 26.883 GRADIENT	.00000	35.98897 35.84024 02510	30.57355 .99546	.54749 .02364	.22251 00214			00151 00004	884'00. 20000.	

(CA-8) K3V9.1.2TS5 F20TS402

REFERENCE DATA

PARAMETRIC DATA

(TJF086) ( 07 JUN 76 )

SREF = 2690.0000 : LREF = 474.8100 BREF = 936.6800	IN, YMRP =	09.0000 IN.XO .0000 IN.YO 75.0000 IN.ZO		BETA = IORB = BDFLAP =	.000 6.000 .000	RN/L = ELEVON =	1.090 -5.000
SCALE = .0405	RUN NO. 86/	0 RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00			
	PHAW BETA (	(PSF) ALPHAO	CL CD	CLM CY	CLN	CSL	

MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	-2.865	.00000	35.39975	.71646	15485	.05963	.10183	00252	.00046	.00141
.155	-1.872	.00000	35.29653	1.70029	13305	.05515	.10504	00535	.00064	.00080
. 154	.213	.00000	35.19221	3.77509	08672	.04818	.11152	00360	.00047	.00175
. 154	2.251	.00000	35,21515	5.80347	03940	.04338	.11778	00333	.00031	.00175
. 154	4.304	.00000	35.18018	7.84031	.01424	.04045	12373	00341	.00031	.00167
. 154	5.287	.00000	35.17899	8.81985	.04559	.04229	12740	00712	.00031	.00107
. 155	6.297	.00000	35,27241	9.82385	.07063	.04373	13070	00446	.00040	.00129
. 154	7.345	.00000	35.22787	10.86477	.10021	.04627	.13377	00327	.00037	.00123
. 154	8.354	.00000	35.21821	11.86744	.13468	.05085	.13851	00362	.00029	.00177
. 154	9.386	.00000	35.05033	12.88788	.16544	.05580	.14283	00441	.00025	.00138
. 154	10.422	.00000	35.12656	13.92058	19726	.06228	.14771	00419	.00048	
. 154	11.379	.00000	35.15246	14.86695	.22453	.06952	.15261	00560	.00036	.00116 .00134
. 154	12.407	.00000	35.21374	15.88863	.25968	.07892	.15795	00560	.00047	.00134
. 154	13.431	.00000	35.22643	16.90944	.29158	.08939	.16349	00573	.00047	.00078
.155	14.429	.00000	35.26527	17.90503	.31820	.09983	.16806	00361	.00078	.00136
. 154	15.444	.00000	35.24836	18.91868	.35533	.11279	.17382	00486	.00040	
.155	16.525	.00000	35.29464	20.00096	.38781	.12701	.17911	00645	.00079	.00140
.155	17.532	.00000	35.36813	21.00698	.42151	.14229	.18302	00295	.00079	.00092
. 155	18.493	.00000	35.43226	21.98615	.45606	.15852	.18843	00413		.00133
. 155	19.493	00000	35.43516	22.98489	.48937	. 17611	.19371		.00072	.00100
. 155	20.499	.00000	35.43954	23.99113	.52271	.19560	.19938	00330 00299	.00045	.00126
.155	21.491	.00000	35.44497	24.99238	.54866	.21248	. 20694	00248	.00036	.00144
. 155	22.508	.00000	35.55719	25.98016	.56208	.22563	.21678	00230	.00016	-00177
.155	23.516	.00000	35.56836	27.01146	.56112	.23275	.23237	00356	.00030 .00056	.00159
. 156	24.502	.00000	35.79064	28.02577	55368	.23703	.24814			.00121
. 156	25.510	.00000	35.78376	29.05874	.54644	.24284	.26197	00395	.00003	.00220
.156	26,939	.00000	36.02085	30.51451	.53806	.25293	.27844	00192	00042	.00297
	GRADIENT	.00000	02668	.99407	.02344	00267	.00306	00508	00155	.00461
			.02.000	. 55707	.06377	00207	.00500	.00006	00004	.00007

# CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5

F20TS401

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(TUF087) ( 07 JUN 76 )

### REFERENCE DATA

SKEF =	2690.0000 SQ.F	. XMRP = 1100 c	
LREF =	474.8100 IN.	1109.0	000 IN.XO
BRFF =		YMRP = .c	000 IN. YO
- · · · · ·	936.6800 IN.		
SCALE =	.0405	3,3.6	000 IN.ZO

8E 101 801	RB =	.000 8.000	RN/L ELEVON	=	1.090
801	LAP =	-11.700			

		HON NO.	8// 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MA	ALPHAW -2.869 -1.813 2.264 4.300 5.272 6.335 9.426 10.439 11.407 12.407 13.436 14.444 15.479 16.492 17.515 18.495 19.491 20.500 21.497 22.558 23.513 24.507 25.993 GRADIENT	BETA	Q(PSF) 35.24834 35.17296 35.06072 35.2359 35.11722 35.18994 35.21529 35.23777 35.09716 35.07427 35.30664 35.29952 35.38832 35.37110 35.388577 35.38681 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766 35.42417 35.33766	3.83775 5.88203 7.89554	CL0354500417 .03560 .09008 .14942 .18167 .21312 .24138 .27357 .30965 .33458 .35694 .39943 .44225 .47726 .50917 .54418 .57843 .61092 .64121 .66985 .68883 .70223 .69109 .67689 .64590 .62337	CD .02842 .02591 .02383 .02460 .02933 .03304 .03802 .04355 .05043 .05855 .06702 .07737 .08854 .11843 .13418 .15147 .17029 .19004 .21037 .23229 .25072 .26851 .27391 .27918 .27635 .28161 .00009	CLM .09925 .10440 .11137 .11822 .12553 .12881 .13295 .13738 .14190 .14737 .15095 .15939 .16410 .16901 .17191 .17652 .18193 .18779 .19396 .20097 .22204 .24061 .25939 .28300 .30370 .00359	CY0049600189006580049200573005660068400607005330053500758007580075800758005090040300403004082004082004082004082004088004088004580052000344005120040900515	CLN	CSL .00106 .00243 .00130 .00130 .00130 .00130 .00130 .00130 .00130 .00064 .00093 .00093 .00093 .00117 .00123 .0012

.00348

.00000

.99410

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# (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(TJF088) ( 07 JUN 76 )

# REFERENCE DATA

GRADIENT

### PARAMETRIC DATA

-.00158

-.00008

.00471

.00005

SREF	= 2690	0000 SQ.FT.							FARA	METRIC DATA	
LREF BREF SCALE	= . 474 = 936	8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	0000	IN.YO			ST 10	RB = 8	.000 RN/L 3.000 ELEVT 3.000 ELEVO	
			RUN NO.	88/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH - 154 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	ALPHAW -2.774 -1.857 .237 2.285 4.289 6.322 8.393 10.453 12.441 14.447 16.472 18.504 20.517 22.5567 24.552	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.02027 34.99418 34.99051 35.45753 34.82395 35.03399 35.13129 34.86746 35.43536 35.34023 35.12572 35.65233 35.57373 35.88303 36.13010	ALPHAO 2.89248 3.78978 5.88105 7.91724 9.90716 11.92136 13.97294 16.00450 17.98311 19.97183 21.99880 24.02537 26.04979 28.11886 30.13838 32.60343	CL 03039 01200 .03836 .09265 .15253 .21498 .27724 .34173 .40166 .47695 .54596 .61523 .67389 .70386 .67831	CD .02758 .02562 .02306 .02400 .02875 .03773 .05047 .06804 .08999 .11863 .15212 .19217 .23450 .27076 .28138	CLM .10008 .10340 .11114 .11782 .12484 .13247 .14175 .15085 .15869 .16700 .17573 .18668 .19948 .21912 .26030	CY0054700733007560062200445005360052900710004810048100298004930052500390	CLN .00027 .00019 00002 00020 00020 00029 00021 00004 00032 00036 00014 .00024 .00033	CSL .00108 .00075 .00116 .00106 .00132 .00117 .00095 .00096 .00036 .00089 .00100 .00129 .00108

.624. 3

.02588

.28401

.0001ū

.30192

.00350

-.01099

12000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F20TS401

(TJF089) ( 07 JUN 76 )

PARAMETRIC DATA

			BETA =	.000	RN/L =	1.090
REF = 2690.0000 SQ.FT. XMRP =	1109.0000 IN.XO		STAR =	.000	ELEVTR =	.000
REF = ,474.8100 IN. YMRP =	.0000 IN.YO			8.000	ELEVON =	-5.000
The state of the s	375.0000 IN.ZO		1088 =		LLL 1011	
REF = 936.6800 IN. ZMRP =	3.3.000		BDFLAP =	-11.700		

	ՍԿՍՖ	RUN NO.	89 0 RI	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH .155 .155 .155 .154 .155 .155 .155 .155	ALPHAW -2.758 -1.811 .2363 2.303 4.266 6.347 8.331 10.367 12.494 14.549 16.505 18.494 20.559 22.554 24.6640 25.989 GRADIENT	BETA .00000	01PSF) 35.33699 35.31857 35.27375 35.20016 35.20016 35.28558 35.52768 35.25953 35.25953 35.25959 35.27352 35.49246 35.35799 35.39965 35.74988 35.6861704254	ALPHAO 2.90226 3.85341 5.88989 7.93597 9.88931 11.95132 13.9369 15.93944 18.07356 20.00836 22.03254 24.02537 26.08026 28.09669 30.24246 32.60807	CL 02965 01106 .03913 .09362 .15276 .21691 .27428 .33761 .41139 .47760 .54199 .60929 .67435 .70579 .67337 .62636	CD .02657 .02453 .02218 .02316 .02783 .03703 .04950 .06593 .09088 .11870 .15018 .18923 .23441 .26991 .27856 .28435 .00012	CLH .18039 .10375 .11138 .11828 .12461 .13301 .14159 .15026 .15947 .16751 .17507 .18612 .19961 .22009 .26332 .30190	CY003430057200449005250049100580005800053200400005320040000538400912	CLN .00035 .00033 .00015 00020 00017 00023 00029 00029 00025 00021 00021 00019 0010	CSL .00193 .00080 .00141 .00146 .00127 .00137 .0019 .00088 .00097 .00135 .00110 .00110 .00129 .00179

(TUF090) ( 07 JUN 76 )

# (CA-8) K3V9.1.2TS5H15.6.1F20TS401

## REFERENCE DATA

SREF LREF	<b>=</b> 269	0.0000 SQ.FT.	XMRP	<b>=</b> 1109.000	n in yo			PARA	METRIC DATA	
BREF SCALE	= 938	+.8100 IN. 5.6800 IN. .0405	YMRP ZMRP	= .000( = 375.000(	D IN.YO			STAB = -4 IORB = 8	.000 RN/L .000 ELEVTR .000 ELEVON .700	
	MACH . 154 . 154 . 154 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW -2.723 -1.853 .211 2.298 4.264 6.320 8.366 10.261 12.488 14.425 16.451 18.490	RUN NO.  BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	90/ 0 F  Q(PSF) 35.19951 35.22273 35.15983 35.21199 35.11015 35.43347 35.04529 35.17440 35.20123 35.27494 35.42497 35.63603	ALPHAO 2.95263 3.81917 5.87123 7.93499 9.89129 11.93335 13.95079 15.82767 18.03655 19.96551 21.97771 24.02537	GRADIENT  CL032900:429 .03490 .09423 .14988 .20871 .27389 .33584 .40654 .47088 .54200 .61208	CD .02562 .02379 .02126 .02126 .02189 .02672 .03549 .04803 .06411 .08844 .11531	-5.00/ 5.00  CLM	CLN	CSL CO113 CO119 CO133 CO137 CO177 CO114 COC89 COC95 COC53 CO113
	.155 .156 .156	20.564 22.582 24.527 25.994 GRADIENT	.00000 .00000 .00000 .00000	35.67576 35.65373 35.95033 35.91788 01086	26.10639 28.13660 30.11577 32.63594 .99272	.67282 .70208 .67609 .62570	.18895 .23279 .26757 .27768 .28267 .00007	.1870700674 .1999400489 .2219200706 .2600300658 .3028400759 .0035400013	00002 .0 00013 .0 .00063 .0 .00026 .0	00092 00119 00047 00104 00578

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### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

# (TUF091) ( 07 JUN 76 )

PARAMETRIC DATA

			the first of the second second second second second second second second second second second second second se	
SREF = 2690.0000 SC.FT.	XMRP = 1109.0000 IN.XC		BETA = .000	RN/L = 1.090
LREF = 474.8100 IN.	YMRP = .0000 iN.YO		STAB = -2.000	ELEVTR = .000
BREF = 936.6800 IN.	ZMRP = 375,0000 [N.Z0	) 프로마스 리얼이 되는 분석하는 남자들이 보다라고요	10RB = 8.000	ELEVON = -5.000
SCALE = OLDS			DDELAR = -11 700	

		RUN NO.	91/ 0 Rt	N/L = .00	GRADIENT	INTERVAL	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	AL PHAO	CL	сэ	CLM	£Υ	CLN	CSL
.155	-2.702	.00000	35.40932	2.95926	03036	. 02595	.10057	00975	.00340	.00065
. 155	-1.858	.00000	35.35300	3.80250	0:430	.02422	.10355	00953	. 00045	.00106
. 155	.201	.00000	35.32421	5.86042	.03638	.02156	.11113	00845	.00004	.00111
.155	2.259	.00000	35.36937	7.89554	.03315	.02223	.11843	00717	00008	. 00095
.155	4.269	.00000	35.35525	9.89129	. 14865	.02698	.12493	00827	00010	.00122
.155	5,316	.00000	35.28983	10.92448	.18359	.03146	.12889	00537	00009	.00124
.155	6.314	.00000	35.31986	11.91737	.2:363	.03603	.13261	00501	00019	.00!33
.155	7.365	.00000	35.29489	12.96407	2:1595	.04250	.13723	00592	00013	.00091
.155	8.358	.00060	35.25717	13.95280	.27741	.04294	.14204	-:00838	00025	.00108
. 155	9.375	.00000	35.25021	14.94387	. 30373	.05652	.14571	00537	00034	.00:10
, 154	10.450	-00000	35.23320	16.01263	. 33644	. 05604	.15032	00772	00013	.00368
.155	11.414	.00000	35.24657	16.97074	. 35727	.07636	. 15426	00713	00009	. 200052
. 155	12.423	.00000	35.25474	17.97078	40519	.08826	.15839	09850	00005	.00075
. 154	13.418	.00000	35,16047	18.96901	. 4 3628	1.0095	.16272	00793	00004	84000.
. 155	14,499	.00000	35.29174	20.03425	.47505	.11733	.16770	00867	00007	.00044
.155	15.454	.00000	35.37479	20.98504	.50938	. 13793	17141	00809	00042	.00:78
. 155	16,477	.00000	35.31944	22.00301	.54312	.15019	.17606	00509	50011	.00083
. 155	17,499	.00000	35.37697	23.02313	.57759	.15893	.18097	00550	00003	.00100
. 155	18.501	.00000	35.27874	24 03394	.61054	. 19909	.18675	00733	00022	.00:31
. 155	19.520	.00000	35.59519	25.04417	.63705	.20890	.19159	00705	00009	.00:00
. 156	20.503	.00000	35.70226	26.04543	.66955	.23096	. 19879	00635	00004	.00098
.156	21.580	.00000	35,59504	27.12126	.53155	. 25224	anaes.	00933	.00048	.00053
. 155	22.530	.00000	35.54249	28.05235	.70508	. 26555	1:015	60959	.09057	.00076
.155	23.523	.00000	35.60569	29.06769	.69427	.27524	.24076	00656	.00058	.00051
.155	24.560	.00000	35.62650	30.13838	.67566	.27876	.20293	02630	.CCO:1	.00078
. 155	25.528	.00000	35.39621	31.129-4	.65013	.27715	.26.352	00528	00038	.02179
.155	26.999	.00000	36.01522	32.62201	.62303	.28163	.30569	00998	00166	.00528
	GRADIENT	.00000	00280	.99257	.02589	.00006	.00351	.00023	00059	.00005

#### (CA-8) K3V9.1.2TS5H15.6.1F20TS401

(TJF092) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 2590.0000 SQ.FT. XMRP = 1109.0000 IN.X0

LREF = 474.8100 IN. YMRP = .0000 IN.Y0

BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO

SCALE = .0405

BETA = .000 RN/L = 1.090

ELEVIR = -23.000

IORB = 8.003 ELEVON = -5.000

BREF = .0405

	10103						BUF	LAP = -1	1.700		
	하고 있다면 하는데 생각하고 있는 사람들이	RUN NO.	927 0 RI	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00			
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	co	CLM	CY	CLN	CSL	
. 155	-2.698	.00000	35.21489	3.00203	03204	.02426	.10187	00584	.00044	.00114	
. 155	-1.805	.00000	35.23018	3,88964	01700	.02223	.10512	0.768	.00037	.00119	
. 155	. 196	.00000	35.23907	5.88399	.03653	.01997	.11221	00798	.00004	.00102	
. 155	2.258	.00000	35,29709	7.91921	.03523	.02167	.11901	00626	00003	.00114	
. 154	4.289	.00000	35,19059	9.93890	.14775	.02531	.12612	00390	00025	.00124	
. 155	6.318	.00000	35.26109	11.94733	.2:078	.03417	.13339	00359	90032	.00163	
. 155	8.371	.00000	35.27585	13.99301	.27:22	.04538	.14211	00-92	60027	.00115	
-155	10.395	.00000	35.26098	15.97197	.33726	.06407	.15140	00434	00041	.00133	
. 154	12.435	.00000	35.19940	17.99544	.40177	.08609	.15954	00755	00015	.00077	
. 154	14.450	.00000	35,20054	19.99679	.46772	.11382	.16767	00627	00029	.00085	
. 154	16.498	.00000	35.14649	22.03254	.54039	.14771	.17619	00369	00040	.00127	
. 155	18.494	.00000	35.34724	24.03394	.60848	.18632	.18728	00344	00041	.00141	
. 155	20.479	.00000	35.51666	26.02367	.69550	.22800	.19898	00354	00038	.00116	
. 155	22.523	.00000	35.54633	28.07836	70451	.26727	.21973	C0525	.00028	.00091	
- 155	24:492	.00000	35.54314	30.09316	,57504	. 27595	.76078	00446	00028	.00:53	
. 157	27.041	.00000	36.25049	32.69170	.62238	.28077	.30500	91045	00150	.00453	
	GRADIE: T	.00000	.00045	.99251	.02630	.00015	.00345	.00035	00010	.00001	

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(CA-8) K2V9.1.2TS5H15.6.1F20TS401

(TJF093) ( 07 JUN 76 )

PARAMETRIC DATA

# REFERENCE DATA

SREF =	2690.0000 SQ.FT. XMRF	= 1109.0000 IN	ı.xɔ	E	BETA = .000	RN/L = 1.090
LREF ≍	474.8100 IN. YMRF	= .0000 IN	I. YO	The state of the s		ELEVIR = .000
	936.6800 IN. ZMRF	= 375.0000 IN	I. ZO		ORB = 3.000	ELEVON = .000
SUALL =	.0405			<u> </u>	BDFLAP = -11.700	

							00	FLAT 1	1.700	
		RUN NO.	93/ 0 R	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH -155 -154 -154 -155 -155 -155 -155	ALPHAW -2.740 .189 2.244 4.326 6.297 8.372 10.259 12.427 14.478	BETA .09000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.33123 35.15241 35.10423 35.12194 35.08503 35.20480 35.22797 35.20111 35.28931 35.29209	ALPHAO -2.03193 .88008 2.92036 4.98990 6.94379 8.99193 10.85880 13.00619 15.04093 17.05250	CL 19830 13959 09053 04054 .00946 .07285 .13040 .20149 .27287	CD .33196 .32032 .01419 .01147 .01508 .02145 .03463 .05468	CLM . 03985 .04873 .05645 .06334 .06846 .07523 .08044 .08680	CY 00527 00685 00617 00399 00426 00426 00359 00352 00527	CLN .00014 09006 00043 90035 00056 00057 00064 00061	CSL .00128 .00144 .00149 .00163 .00165 .00165
. 155 . 155	18.556 20.586 GRADIENT	.00000	35.31415 35.34174 03047	19.12131 32.00637 .99370	.33,536 .40905 2.01639 .62534	.00296	.10237 .11313 62211 .00335	00642 00520 03814 .00016	00046 00049 .01089 0008	.00160 .00152 .01752 .00008

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOP

# (CA-8) K2V9.1.2TS5H15.6.1F20TS401

( 07 JUN 76 )

SREF =	3500 0000									PARAM	ETRIC DATA		
LREF = BREF = SCALE =	2590.0000 474.8100 936.6800 .0405	IN. IN.	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO				BETA STAB 10RB BDFLAP	= -2.0 = 3.0	DDD ELEVON		1.090
		R	IUN NO.	947 0 RN	I/L =	.00 GRAD	IENT INTERVAL	5	.00/ 5.00				
		LPHAW 2.747 .141	BETA .00000 .00000	0(PSF) 35.26900 35.21295	ALPHA -2.2054 .6651	12059	- ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4009	Y 00625	.00050 CFW	CSL .00128	3

MACH	ALPHAW	BETA	Q(PSF)	AL DUAG						
.155	-2.747	.00000		ALPHAO	CL	CD	CLM	CY	CLN	CSL
.155	.141	スース・リング オー・ス・ダイディス	35.26900	-2.20541	20592	.03145	.04009	00625	.00020	.00128
. 154		.00000	35.21295	.65517	15152	.01941	.04832	00487	00003	
	5.222	.00000	35.16805	2.73453	+.10360	.01393	.05548	00404		.00145
. 155	4.351	.00000	35.19659	4.85076	G5043	.01057			00007	.00142
. 155	5.299	.00000	35.21312	5.79463	02709	.00943	-06332	00509	00010	.00142
- 154	6.384	.00000	35.17853	6.86900	.00561		.06592	00444	00021	.00150
. 155	7.394	.00000	35.24665	7.86792		.00964	.06917	00182	00024	. 10159
. 155	8.376	.00000	35.25084		.03338	-01056	.07190	00288	00032	.00144
- 155	10.357	.00000	35.27587	8.83963	.05125	.01252	.07468	00342	00028	.00140
. 155	11.502	.00000		10.79912	. 12465	.01948	.08104	00507	00035	.00115
.155	12.458		35.35094	11.93734	.15630	.02525	.08390	00523	00032	.00155
.154	13.494	.00000	35.28907	12.89537	. 19630	.03262	.08764	00550	00031	.00125
. 154		.00000	35.!48*1	13.92058	. 22823	.04017	.09046	03579	00032	
	14.500	.00000	35.12484	14.90133	.25987	.04848	.09378	00513		.00:08
. 154	15.551	.00000	35.13343	15.94351	.30029	.06034	.09823		00020	-00113
. 154	16.449	.00000	35.13460	16.89309	.32955	.07033		00698	00017	.00130
- 155	17.519	.00000	35.25941	17.93790	.36578		.10215	00535	00097	.00100
. ! 55	18.485	.00000	35.43232	18.89562		.08309	.10697	00620	00010	.00141
. 155	19.449	.00000	35.31506	19.85124	.39819	.09514	.11265	00599	.00002	.00092
.155	20.548	.00000	35.38480		43326	.11071	.11918	00630	00012	.00081
155	21.559	.00000		20.95673	•46151	.12600	.12515	00543	00012	.00110
. 155	22.568	.00000	35.40533	21.99036	.48907	.14135	. 13295	00467	00026	.0000
.155	23.492		35.45546	23.00613	.50372	.15159	.14955	00628	00027	.00055
.155		.00000	35.37907	23.93977	.50243	15699	.16390	00595	- 00031	
	24.498	.00000	35.54151	24.95219	49893	.16181	17852			.00049
. 155	25.549	.00000	35.50766	26.02367	.49387	.16799	.19324	00704	00041	.00090
. 155	110.35	.00000	35.48481	27.40725	.48253	.17635		00479	00078	.00149
	GRADIENT	.00000	01163	.99413	.02189	00295	.21289	00690	00218	.00446
					.06105		.00327	ารกาลก	- 00000	00000

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(TUF095) ( 07 JUN 76 )

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### (CA-8) K2V9.1.2TS5H15.6.1F20TS401

	REFERENCE DATA			PARAMETR	IC DATA	
LREF =	474.8100 IN. YMF	RP = 1109.0000 IN.X	BETA STAB LORB	= -4.000	ELEVIR *	1.090
BREF = SCALE =	936.6800 IN. ZMF .0405	RP = 375.0000 IN.Z	BDFLA AL = -5.00/ 5.			. 000

		RUN NU.	957 U K	N/L = .U	O OHADIE	I INTERVAL		-5.00/	5.00			
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD		CLM	CY	CLN		CSL
.155	-2.721	.00000	35.21262	-2.17658	20811	. 33153		.03958	00923	.00020		.00105
. 154	.171	.00000	35.12256	. 59741	15186	.01950		.04812	00590	00011	100	.00159
. 155	2.400	.00000	35.22721	2.91204	09841	.01347		.05554	00604	00029		.00140
. 155	4.213	.00000	35.31861	4.71940	05714	.01026		.05234	00563	00023		.00130
.155	5.307	.00000	35.34772	6.79520	.00055	.00955		.06896	00330	000-3	15. 44.	.00167
.155	8.351	.02000	35.39337	8.82381	.05083	.01293		.07478	00491	00037		-00109
. 154	10.361	.00000	35.05508	10.82100	.12198	.01950		.08999	00560	00043		00157
.154	12.383	.00000	35.02355	12.80569	. (8733	.03079		.08633	00657	00039		.00:24
.154	14.420	.00000	34.99756	14.86088	.26111	.04877		.09419	00770	00038		.00132
.154	16.467	.00000	35.04811	16.85858	.32897	.07004		.10227	00788	00017		.00118
.155	18.484	.00000	35.21789	18.89383	.39968	.09626		.11358	00708	00010		.00072
.155	20.597	.00000	35.43339	21.01955	.46709	.12731		.12705	00692	00020		.00097
. 155	158.55	.00000	35.45158	23.06997	.50659	.15322		.14951	00532	55038		.00052
. 155	24.647	.09909	35.55119	25.13485	.49820	. 15269		.18277	00651	00057		.00:13
. 155	26.919	.00000	35.51197	27.42487	.47995	.17558	1.1	21402	00726	90175		.CGE89
	GRADIENT	.00000	.01623	.99+36	.02189	00309		.00332	.00035	00007		.00003

DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

#### (CA-8) K2V9.1.2TS5H15.6.1F20TS401

(TJF096) ( 08 JUN 76 )

# REFERENCE DATA

#### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT, LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = YMRP = ZMRP =	1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO			STAB 10RB	= .000 = -6.000 = 3.000 = -11.700	ELEVTR = .000 ELEVON = .000
	RUN NO.	0/ 0 RN/L =	.00 GRADIENT	INTERVAL =	-5.03/ 5.00		
MACH ALPHAW 1.54 -2.699 1.54 -182 1.54 2.188 1.54 4.290 1.54 6.324 1.54 8.414 1.54 10.312 1.54 12.524 1.54 14.433 1.54 14.433 1.55 18.459 1.55 20.630 1.55 24.675 1.56 26.945 GRAD:ENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) ALPH 35.08176 -2.156 35.03744 .707 35.05094 2.704 34.98959 4.795 35.07082 8.885 35.13123 10.757 35.11309 12.952 35.15178 14.850 35.15010 16.803 35.28985 18.869 35.34142 21.048 36.58599 22.976 35.60735 25.152 35.72524 27.450 -01148 994	5420764 6714518 2210486 8605498 90 .00303 11 .06151 34 .11835 04 .19810 77 .25929 23 .32334 09 .39661 87 .46714 40 .50135 13 .49570 13 .48264	CD .03142 .01918 .01356 .00986 .00957 .01197 .01831 .03217 .04803 .06758 .09499 .12734 .15029 .16162 .17672	.039590490005563063190753807538081090826094591022311341126991489118273	00725 01016 00768  00470  00537  00543  00658  00655  00787  00647  00647  00651 	LN CSL 00026 .00133 00052 .00140 00051 .00134 00030 .00154 00046 .00138 00042 .00123 00042 .00123 00044 .00132 00049 .00143 00027 .00138 00027 .00138 00020 .00078 00024 .00070 00031 .00024 00061 .0016 00214 .00385 00021 .00022

REFERENCE DATA

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 729 (TJF097) ( 07 JUN 76 )

(CA-8) K2V9.1.2TS5

F20TS401

#### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP LREF = 474.8100 IN. YMRP BREF = 936.6800 IN. ZMRP SCALE = .0405	.0000 IN.YO 10RB	= .000 RN/L = 1.090 = 3.000 ELEVON = .000 P = -11.700
SCALE = .0405	선생님들은 이 아들이 있는 사람들이 가장하는 사람이 있는 것이 하는 것은 그를 가게 되었다고 있는 생각이 되었다.	
	발생님, 일대로 보는 반강 별 년, 나는 아르마하는 의상으로	

		RUN NO.	97/ 0 RN/	L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH -155 -155 -155 -154 -154 -154 -155 -155	ALPHAW -1.993 .158 2.344 4.365 6.302 8.358 10.495 12.356 14.423 16.654 18.511 20.5590 24.5590 24.515 26.732	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.32331 35.31022 35.29193 35.24742 35.09182 35.07900 35.02186 35.03892 35.09965 35.14666 35.34916 35.34916 35.50819 35.24829 34.96996	ALPHAO -1.45299 .68764 2.86461 4.87625 6.80012 8.83765 10.95831 12.77563 14.89526 17.06886 18.99309 21.00698 23.12088 25.05712	CL - 18739 - 14551 - 09919 - 04865 - 06290 - 12349 - 18947 - 25939 - 33428 - 39837 - 45739 - 49694 - 48926	CD .02777 .01962 .01323 .00995 .00977 .01254 .01930 .03044 .04807 .07114 .09470 .12392 .14974 .15972 .17247	5.00/ CLM	C( 01375 01011 00858 00731 00777 00609 00852 00851 00754 00471 00470 00781	CLN .00001 00049 00015 00023 00046 00030 00016 00016 00006 .00014 00004 .00004	CSL .00068 .00109 .00100 .00108 .00088 .00045 .00032 .00059 .00050 .00015 .00066
	GRADIENT	.00000	- 01151	.99552	.02174	00282	00351	00091	- 00005	00005

## (CA-8) K2V9.1.2TS5H15.6.1F20T5401

(TJF098) ( 07 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

												and the second second
			.0000 SQ.FT.		1100.000				BE	TA =	.000 RN/L	= 1.090
			.8100 IN.	YMRP =	.000	IN.YO					.000 ELEVT	
	BREF		.6800 IN.	ZMRP =	375.000	IN.ZO					000 ELEVO	
	SCALE	# 199	.0405								.700 ELEVO	v = .000
									0.5	4 EAL 11	- 700	
				RUN NO.	98/0 (	RN/L = .	00 GRADIENT	INTERVAL	= -5.00/	5.00		
		MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLM	661
		, i 54	-2,700	.00000	35.01983	-2.11158		.03038			CLN	CSL
		. 154	.119	.00000	35.01559	.69813		.03038	.04113	00831	00003	.00053
		. 154	2,215	.00000	35.12932	2.77170		.01296	.04895	00870	00022	.00097
		. 154	4.287	.00000	35.09455	4.83410		.00919	.05660	00869	00063	-00113
		. 154	6.340	.00000	35.11662	6.86310		.00979	.05398	00575	00051	.00113
		. 154	8.479	.00000	35.16538	8.98402		.01217	.06948	00678	00036	.00110
		. 155	10.436	.00000	35.19938	10.92647		.01843	.07678	00571	00061	.00097
		.155	12.500	.00000	35.20756	12.96808		.03044	.08245	00561	00057	.00095
	机造物学	. 155	14.501	.00000	35.24846	14.94583		.03044	.08870	00687	00042	00055
		. 155	16.399	.00000	35.28797	16.83999	14000	06628	.09537	00713	00037	.00088
		. 155	18.569	.00000	35.40042	19.00963		.08628		00731	00007	.00043
		. 155	20.588	.00000	35.53297	21.03212		.12418	.11531	00604	- 00002	.00008
		.155	22.469	.00000	35.60072	22.92120			12779	00540	00001	.00001
Ċ		. 155	24.505	.00000	35.50780	25.10462		.14973	14798	00524	.00011	00081
		. 155	26.897	.00000	35.46352	27.32357		.16018	. 18232	00739	.00015	.00014
			GRADIENT	.00000	.01443	.99405		17354	.21290	00768	00127	.00369
					.0.113	. 55400	.02233	00304	.00328	.00031	00008	.00009

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F20TS401

# (TUF099) ( 07 JUN 76 )

PARAMETRIC DATA

얼마를 잃었다면 하는 그는 사람들은 그들의 이 사는 이 이렇게 되었다.		BET	$\Delta = 000$	RN/L = 1.090
SREF = 2690.0000 SQ.FT. XMRP =	1109.0000 IN.XO			ELEVTR = 17.000
SREF = 2690.0000 50.FT. XMRP =		STA		
LREF = 474.8100 IN. YMRP =		105	R = 3.000	ELEVON = .000
	375.0000 IN.ZO			
BREF = 936.6800 IN. ZMRP =	3,3.000	5DF	LAP = -11.700	
CCA C - 0405				

E = .04U5				CDADIENT	INTERVAL =	-5.00/	5.00		
MACH ALPHAW .155 -2.897 .155 .167 .155 .368 .155 4.474 .155 6.399 .155 8.466 .155 10.478 .154 12.433 .154 14.486 .155 16.484 .155 16.520 .155 20.609 .155 22.543 .154 26.875	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	99/ 0 F Q(FSF) 35.36279 35.31531 35.34276 35.32696 35.31692 35.36822 35.39679 35.34601 35.57672 35.57672 35.5291 35.35908 35.12056 -00367	73209 2.91693 5.01157 6.92017 8.94841 10.94239 12.86382 14.89930 16.89309 18.93934 21.02793 22.98914 25.04417 27.39082	GRADIENT  CL207041461709471041750096106855130471953126983331844053640676502684994248455	CD .03094 .01847 .01868 .00958 .00939 .01270 .03027 .03209 .04998 .06985 .09736 .12751 .15061 .16223 .1768900292	CLM .03918 .04766 .05540 .06321 .06811 .07442 .08574 .09335 .11195 .12424 .14837 .18007 .21339 .00340	CY007180090400701006570061300643007500082200525005250058300750	CLN .0028 .00024000170003100011 .00027 .00028 .00061 .000250016800007	CSL .00090 .90075 .00083 .00093 .00054 .00050 .00040 .00066 .00006 .00024 -00061 .00061

# (CA-8) K3.1V9.1.2TS5H15.6.1F20T5402

(TUF100) ( 07 JUN 76 )

# REFERENCE DATA

SREF # 2690.0000 so F1			PARAMETRIC DATA
SREF = 2690.0000 S0.F1 LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	. XMRP = 1109.0000 IN.XO YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO		BETA = .000 RN/L = 1.090 STAB = -4.000 ELEVIR = 17.000 IORB = 6.000 ELEVON = -5.000 BDFLAP = .000
	RUN NO. 100/ 0 RN/L = .01	GRADIENT INTERVAL =	-5.00/ 5.00
MACH ALPHAW .155 -2.823 .155 2.242 .155 4.340 .155 6.312 .155 8.395 .155 10.504 .155 12.509 .155 14.458 .155 16.657 .155 20.663 .155 22.664 .155 24.442 .156 26.704 GRADIENT	BETA Q(PSF) ALPHAO .00000 35.23415 .75846 .00000 35.18262 3.78782 .00000 35.18262 3.78782 .00000 35.18262 7.86595 .01000 35.40385 9.81790 .00000 35.28348 11.88541 .00000 35.31950 13.96891 .00000 35.2935 17.90092 .00000 35.45922 19.90113 .00000 35.44166 22.09582 .01000 35.56304 24.11960 .01000 35.57260 26.07155 .01000 35.51973 27.94162 .01000 35.74318 30.23341 .000120 .00091 .99220	CL CD15065 .0596306614 .0485403831 .04417 .01676 .04286 .07482 .04541 .13921 .05357 .19696 .06485 .26475 .08314 .32963 .10439 .39272 .13020 .45715 .16444 .52973 .20040 .56439 .22961 .55659 .23962 .54047 .25475	CLM CY CLN CSL  1031400217 .00036 .00075  1123300854 .00028 .00017  1186800586 .00028 .00017  1251000586 .00028 .00071  1315200498 .00025 .00038  1399700385 .00023 .00058  1482500384 .00035 .00045  1593200616 .00058 .00021  1695700734 .00100 .00022  1785100626 .0064 .00022  1785100626 .0064 .00022  1895100506 .00054 .00052  20054 .00506 .00054 .00052  2181700375 .00071 .00048  2495900507 .00037 .00073  276820048200097 .00370  .00307000430000200002

# DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 733

# (CA-8) K3.1V9.1.2TS5H15.6.1F20TS402

(TUF101) ( 07 JUN 76 )

PARAMETRIC DATA

SREF LREF BREF	7	7,0,00	YMRP =	1109.0000	IN.YO		BETA = STAB =	.000 -4.000	RN/L = ELEVTR =	1.090
SCALE	-		2114	375.0000	IN.20		10RB = BDFLAP =	6.000 .000	ELEVON =	-5.000

							8	JELAP =	.000	
		RUN NO.	101/0 5	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH -155 -155 -155 -155 -155 -155 -155 -15	ALPHAW -2.749 .207 2.263 4.297 6.244 8.301 10.311 12.399 14.524 16.550 18.655 20.563 22.487 24.509 26.820 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 -01000 .00000 -01000 .00000	01PSF) 35.20035 35.21082 35.18491 35.15041 35.24295 35.28769 35.28769 35.28769 35.38367 35.42611 35.42611 35.42611 35.3514600250	ALPHAO .87861 3.81229 5.85355 7.87384 9.80204 11.83948 13.81993 15.89576 18.00366 20.02592 22.13803 24.05535 25.97581 28.02577 30.37386 .93278	CL 15729 09448 04147 .01123 .06511 .12939 .18920 .25309 .35309 .38709 .45459 .51801 .56227 .55334 .53797 .02396	CD .05493 .04417 .03912 .03714 .03913 .04627 .05733 .074 C2 .09667 .12556 .15534 .19076 .22311 .23494 .25195 -00257	CLM -10533 -11998 -12636 -13242 -14054 -14956 -16008 -17104 -18130 -19069 -20091 -21790 -25098 -27982 -00298	CY004030036400532003440039700383002870045200235002350026400264	CLN .00057 .00028 .00024 .00021 .00032 .00032 .00041 .00042 .00050 .00050 .00050 .00050 .00050 .00055	CSL .00053 .00049 .00050 .00083 .00075 .00075 .00076 .00076 .00076 .00076 .00088 .00080 .00123

## (CA-8) K3.1V9.1.2T55H15.6.1F10T5402

(TJF102) ( 07 JUN 76 )

# REFERENCE DATA

#### PARAMETRIC DATA

					1 11/11	IL IIIIC DATA	
2690.0000 SQ.FT. 474.8100 IN. 936.6900 IN. .0405	YMRP =	109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO		BET STA 10R BDF	8 = -5	.000 RN/L .000 ELEVIR .000 ELEVON .000	
	RUN NO. 102	1 0 RN/L = .1	00 GRADIENT INTER	RVAL = -5.00/	5.00		
H ALPHAW 54 -1.956 54 -0.39 54 2.248 55 4 4.315 55 8.388 55 10.289 55 12.390 55 14.452 55 18.408 55 20.434 55 24.457 55 28.981 GRADIENT	.00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3 .00000 3	0(PSF) ALPHA0 5.12391 1.57537 5.13963 3.65811 5.09236 5.85550 5.11751 7.90737 5.16895 9.91599 5.21117 11.94533 6.19577 13.83402 5.21028 15.92115 5.23896 17.99133 5.16388 19.95519 6.33734 21.91448 6.356512 23.93122 6.535864 27.99919 6.27733 30.5417600312 99393	CL CD06211 .05501639 .04903739 .04609673 .04714722 .05626734 .07433060 .09339660 .11651843 .17651843 .17651843 .24250646 .25250646 .252	355 .39836 352 .10432 343 .11083 342 .11654 359 .12498 360 .13416 379 .14532 310 .15582 366 .16579 374 .17457 399 .25576 43 .25876 399 .27272	CY002690056900513003950039700320004920049700367003670036700367	CLN .00023 .00012 .00015 .00017 .00003 .00034 .00014 00010 .00014 00010 .000296 00001	CSL +8 .00148 .00095 .00086 .00141 .00075 .00078 .00095 .00095 .00097 .00097 .00095 .00000 .0000000000



# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TJF103) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

#### SREF = 2690,0000 SQ.FT. XMRP = 1109.0000 IN.XO BETA .000 RN/L = ELEVIR = -23.000 ELEVON = -5.000 LREF = 474.8100 IN. YMRP = .0000 IN.YO -2.000 6.000 STAB = ZMRP = 375.0000 IN.ZO BREF = 936.6800 IN. IORB = SCALE = .0405 BDFLAP = .000

			RUN NO.	103/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH	ALPHAN	BETA	Q(PSF)	ALPHAO	CI	CD	CLM	CY	CLN	CSL	
	. 154	-1.960	.00000	35.11459		06514	.05490	.09345	00510	.00037	.00088	
	.154	. 122	.00000	35.13768		01460	.04905	.09890	00662	.00021	.00129	
	154	2.246	.00000	35.09181	5.88399	.03985	.04633	.10482	00618	.00001	.00060	
	. 154	4.243	.00000	35.04259	7.85398	.09440	.04679	.11032	00595	.00038	.00055	
	154	6.256	.00000	35.04244	9.85559	. 15244	.05116	.11691	00395	.00022	.00055	
	. 154	8.399	.00000	35.12929	11.98329	.21270	.06148	. 12461	00355	.00013	.00097	
١.	. 154	10.322		35.14873	13.88031	.26918	.07416	.13476	00511	.00029	.00090	
	. 154	12.347	.00000	35.12784	15.88963	.32752	.09249	.14507	00450	.00014	.00105	
	. 154	14.401	.00000	35.07870	17.92968	.39396	-11639	15544	00519	.00056	.00675	
	, 154	16.574	.00000	35.01119	20.08836	.46348	.14684	.16649	00683	.00059	.00044	
	. 155	18.548	.00000	35.19854	22.05785	.52366	.17627	.17547	00416	.00003	.00100	
	- 155	20.466	.00000	35. <i>2</i> 5661	23.96973	-59048	.21389	.18672	00466	.00038	.00103	
	. 155	22.443	01000	35.36262	25.95841	.60859	.2+265	.20494	00493	.00112	.00026	
	. 155	24.425	.00000	35.24285	27.95376	.58947	.25251	.23931	00629	.00027	.00148	
	. 155	26.995	.00000	35.20071	30.54530	.55678	.26526	.27212	C0350	00082	.00197	
		GRADIENT	.00000	01258	.99428	.02570	00131	.03273	00010	00001	00007	

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TUF104) ( 07 JUN 76 )

PARAMETRIC DATA

	2690.0000 SQ.FT. XMRP	= 1109.0000	IN.XO	BETA =	.000 RN/L =	1.090
LREF =	474.8100 IN. YMRP	= .0000	O IN.YO	STAB =	-2.000 ELEVTR =	17.000
BREF =	936.6800 IN. ZMRP	= 375.0000	) IN.ZO	IORB =	6.000 ELEVON =	-5.000
SCALE =	.0405			BDFLAP =	.000	

		RUN NO.	1047 0 RM	WL = .00	GRADIEN	T INTERVAL	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 154	-2.937	.00000	35.04441	.69057	07565	.06169	.08939	00488	.00041	.00103
. 154	.196	.00000	35.01987	3.71538	00343	.05335	.09749	00865	.00023	.00093
. 154	2.209	.00000	34.99517	5.80936	. 05048	.05167	.10327	00612	.00035	.00070
. 154	4.379	.00000	35.08181	7.96064	.10676	.05254	.10969	00404	.00016	.00090
. 154	6.359	.00000	35.09238	9.92303	.16438	.05844	.11599	00391	.00032	.00092
. 154	8,377	.00000	35.08799	11.91537	.22079	.06841	.12355	00499	.00036	.00079
. 155	10.315	.00000	35.21411	13.84207	.2770!	.08167	.13268	00463	.00030	.00086
. 155	12.578	.00000	35.36492	16.08178	. 34056	.10171	. 14331	00632	.00059	.00045
.155	14.587	.00000	35.37564	18.08178	.40654	12628	.15377	00551	.00067	.00059
.155	16.654	.00000	35.60033	20.12899	.47317	. 15555	.16439	00432	.00052	.00051
. 156	18.391	.00000	35.74698	21.87234	.52930	.18433	.17247	00449	.00058	.00067
. 155	20.483	.00000	35,50490	23.96545	.59118	.22292	.18+36	00412	.00055	.00101
.155	22.530	.00000	35.46312	26,01497	.61448	.24955	.20634	00439	.0127	.00002
. 155	24.535	.00000	35.42061	28.04350	.58933	.25808	.23916	00328	.00031	.00143
.155	26.860	.00000	35.30388	30.38746	.55789	.26943	.26861	00212	00063	.00192
	GRADIENT	.00000	.00297	.99392	.02494	00127	.00277	.00015	00003	00003

DATE 06 JUL 76

SCALE =

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1.090

-5.000

100

(TUF105) ( 08 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

.0405

SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO BETA = .000 RN/L = LPEF = 474.8100 IN. YMRP = .0000 IN.YO IORB = 6.000 ELEVON = BREF = 936.6800 IN. ZMRP = 375.0000 IN.20 BDFLAP = .000

(CA-8) K2V9.1.2TS5F30G5.3.5TS401

			RUN NO.	0/ 0 RN	I/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
	. 155	-2.947	.00000	35.18517	.57055	07713	.06130	.09034	00485	.00029	.00107
	. 155	2.238	.00000	35.20700	5.83982	.04270	.05029	.10335	-,00413	.00009	.00060
	. 154	4.305	.00000	35.12450	7.88567	.10021	.05088	.10870	00541	.00035	.00069
	. 154	6.212	.00000	35.16327	9.78221	. 15434	.05518	.11514	00428	.00031	.00131
	. 155	8.273	.00000	35.20547	11.82950	.21442	.06466	.12270	00584	.00041	.00060
11	. 155	10.302	.00000	35.23808	13.84207	. 27251	.07813	.13263	00591	.00046	.00056
	. 155	12.311	.00000	35.22768	15.83580	. 33252	.09626	.14259	00583	.00047	.00089
	.155	14.314	.00000	35.17902	17.62288	. 39+37	.11915	.15228	00482	.00059	.00087
	.155	16.425	.00000	35.28237	19.92192	.45743	.14728	.15218	00399	.000-8	.00068
	.155	18.442	.00000	35.38187	21.94398	.52627	.18072	.17218	00540	.00053	.00095
	. 155	20.552	.00000	35.50036	24.06391	.58571	.21895	.18416	00349	.00072	.00095
	. 155	22.551	.00000	35.35332	26.06285	60957	.24489	.20453	00386	.00119	.00024
	. 155	24.507	.00000	35.24693	28.04350	.58654	.25318	.23628	00425	.00014	.00180
	.155	26.885	.00000	35.19850	30.45097	.55883	.26561	.26751	00140	00031	.00207
		GRADIENT	.00000	00594	.99527	.02419	00157	.00253	00004	00000	00005

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TJF106) ( 07 JUN 76 )

EDEC.		PARAMETRIC DATA
SRCF = 2690.0000 SQ.FT. XMRP LREF = 474.8100 IN. YMRP BPEF = 936.6800 IN. ZMRP SCALE = .0405	1105.0000 111.70	BETA = .000 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 10RB = 6.000 ELEVON = -5.000 BDFLAP = .000

MACH ALPHAM BETA Q(PSF) ALPHAO CL CD CLM CY CLN CSL 155 -2.819 .00000 35.26516 .7853207784 .06108 .0903030477 .00053 .00127 155 .215 .00000 35.26398 5.94980 .04601 .05080 .1036100409 .00028 .00076 155 4.142 .00000 35.19965 7.71705 .09403 .05102 .1094400327 .00024 .00094 155 6.196 .00000 35.22826 9.74652 .15482 .05594 .1160800534 .00024 .00094 155 10.409 .00000 35.22188 11.96731 .21845 .06697 .1245700208 .00012 .00125 155 12.414 .00000 35.19858 15.92165 .33146 .09946 .1439700541 .00091 155 12.414 .00000 35.22165 17.84341 .39737 .12133 .15410 .00054 .00091 155 18.534 .00000 35.22165 17.84341 .39737 .12133 .15410 .00560 .00065 .00079 155 18.534 .00000 35.46579 .22.01567 .52767 .18304 .17406 .00493 .00084 .00094 155 22.467 .00000 35.53225 .25.94971 .60998 .24664 .24897 .00279 .00076 .00084	0405			IORB = BDFLAP =	6.000 ELEVON = -5.000
.00003	.155 -2.819 .155 .215 .155 2.365 .155 4.142 .155 6.196 .155 8.438 .155 10.409 .155 12.414 .155 14.354 .155 16.403 .155 18.534 .155 20.503 .155 22.467 .155 24.528 .155 26.907	BETA 0(PSF) ALPHAO .00000 35.2616 .78532 .00000 35.2616 .78532 .00000 35.2698 5.94980 .00000 35.2826 9.74652 .00000 35.2826 9.74652 .00000 35.2828 11.96731 .00000 35.1938 15.9284 .00000 35.1938 15.92115 .00000 35.26165 17.84341 .00000 35.26165 17.84341 .00000 35.26165 17.84341 .00000 35.46579 22.01567 .00000 35.50714 23.98257 .00000 35.50714 23.98257 .00000 35.53225 25.94971 .00000 35.40614 28.03907	CL CD07784 .0610800388 .05296 .04601 .05080 .09403 .05102 .15482 .05594 .21845 .06697 .27470 .08021 .33146 .09846 .39737 .12133 .45902 .14919 .52767 .18304 .58086 .21889 .60988 .24664	-5.00/ 5.00  CLM CY .0903030477 .0983900695 .1036100409 .1094400327 .1160800534 .1245700208 .1335500510 .1439700541 .1541000540 .1635200450 .1740600483 .1849700279 .2050600438 .2387400395	CLN CSL .00053 .00127 .00041 .00087 .00028 .00076 .00024 .00094 .00036 .00099 .00012 .00125 .00031 .00091 .00060 .00085 .00065 .00079 .00042 .00096 .00084 .00054 .00076 .00084 .00076 .00084

# DATE OF JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TUF197) ( 07 JUN 76 )

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		1.1. 2,1.1.02 DA1						PARAMETRI	C DATA	
SREF : BREF : SCALE :	936	.0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO		BETA STAB TORB BDFLAP	.000 .000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000

	RUN NO.	107/ 0 R	N/L = .00	GRADIENT	INTERVAL	<b>=</b> -5.00/	5.00		
MACH ALPH .155 -2.8 .155 -3.3 .155 -4.3 .154 -6.3 .154 -10.2 .154 -10.2 .154 -12.3 .154 -155 -155 -20.5 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56 .155 -27.56	24 .00000 25 .00000 39 .00000 35 .00000 35 .00000 36 .00000 31 .00000 31 .00000 31 .00000 31 .00000 31 .00000 31 .00000 31 .00000	0(PSF) 35.26600 35.32023 35.20688 35.17059 35.16607 35.06433 35.11101 35.04055 35.11916 35.39640 35.46509 35.46366 35.46366 35.46366	ALPHAO .78044 3.90041 5.94685 7.87976 9.87542 12.01126 13.78571 15.82564 17.84341 19.97163 21.99880 24.03394 26.06285 27.99919 30.42828	CL 07781 00511 .04775 .10043 .15880 .21901 .27747 .33157 .39535 .46701 .52845 .58669 .60797 .59821 .55933 .62492	CD .06131 .05373 .05130 .05250 .05721 .06768 .08050 .09881 .12174 .15205 .18414 .22172 .24716 .25751 .27012	CLM .09044 .09913 .10401 .11015 .11591 .12392 .13352 .14369 .15351 .16488 .17391 .18595 .20846 .23921 .26834 .00275	00793 00712 00568 00877	CLN .00041 .00030 .00011 .00031 .00044 .00058 .00069 .00069 .00069 .00094 .00150 .00150	CSL .90116 .00069 .00068 .00045 .00071 .00071 .00070 .00038 .00068 00033 .00155 .00159 00067

# (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TUF108) ( 07 JUN 76 )

THE REFERENCE DATA AND THE PROPERTY OF THE PRO		PARAMETRI	DATA	
SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LPEF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = .375.0000 IN.ZO	BETA = STAB =	000.	RN/L = ELEVIR =	1.090
BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	IORB * BDFLAP *	6.000	ELEVON =	-5.000

							BL	JI LAP =	.000		
		RUN NO.	108/ 0 Rt	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00			
MACH - 155 - 154 - 155 - 155 - 155 - 155 - 154 - 154 - 155	ALPHAM -2.981 .168 2.222 4.268 6.105 6.333 8.344 10.353 12.357 14.409 16.413	BETA	0(PSF) 35.31316 35.05833 35.30244 35.21971 35.09347 35.17221 35.19866 35.07050 35.10379 35.09177 35.42481	ALPHAO .73257 3.76628 5.81427 7.85017 9.71876 9.90121 11.89340 13.88031 15.87237 17.90914 19.90529	GRADIENT CL0815001107 .04561 .03683 .14743 .15584 .21576 .27005 .33129 .39555	INTERVAL CD .06120 .05369 .05157 .05227 .05779 .05779 .06769 .08011 .09871 .12189 .14935	-5.00/ CLM .09021 .09737 .10333 .10034 .11437 .11605 .12396 .13249 .14332 .15354 .16279	CY 00468 00704 00204 00163 00412 00510 00391 00391 00570 00570	CLN .00072 .00053 .00052 .00055 .00095 .00094 .00096 .00137	CSL .00062 .00083 .00095 .00140 .00089 .00082 .00093 .00061	
.155 .155 .155 .156 .156	18.465 20.542 20.495 24.526 26.862 GRADIENT	.00000 .00000 .00000 .00000	35.33529 35.46614 35.38018 35.89056 35.77663 00453	21.96085 24.04678 26.02367 28.08339 30.44189 .99571	.52468 .58102 .60562 .58543 .55212 .02509	.18303 .22048 .24663 .25667 .26702 00130	.17258 .19451 .20457 .23784 .26721	00419 00327 00264 00179 00267 .00055	.00131 .00130 .00190 .00668 .00050	.0075 .0070 .0073 .00015 .00019 .00191	

DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5H15.6.1F10TS402G5.3.5

(TJF109) ( 07 JUN 76 )

PARAMETRIC DATA

SREF = 2690.0000 50.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO	BETA STAB LORB	= .000 = .000 = 6.000	RN/L = ELEVTR = ELEVON =	.000 -5.000
BREF # 936.6800 IN. ZMRP = 375.0000 IN.ZO	BDFLAP		EELTOIT	

	RUN NO.	109/ 0 RI	4/L = .00	GRADIENI	INTERVAL -	-5.00/	J. 00		
MACH .155 .155 .155 .154 .154 .154 .155 .155	ALPHAW BETA -2.923 .00000 .167 .00000 2.179 .00000 4.198 .00000 8.310 .00000 8.310 .00000 10.361 .00000 12.374 .00000 14.461 .00000 16.460 .00000 18.518 .00000 27.536 .00000 27.536 .00000 27.536 .00000 27.537 .00000 27.537 .00000	Q(PSF) 35.26063 35.19385 35.32995 35.03881 35.08101 35.09240 35.02242 35.02612 35.28097 35.44402 35.52560 35.52560 35.52560	ALPHAO .77702 3.84069 5.83194 7.84228 9.87939 11.87543 13.896642 15.87034 17.92968 19.90529 21.95085 23.94833 26.00191 27.99919 30.42828	CL 08147 00844 .04385 .09497 .15524 .21579 .27356 .33378 .39534 .46198 .52959 .58687 .60773 .58599 .55438	CD .05098 .05283 .05062 .05137 .05634 .05613 .0774 .09789 .12174 .14970 .18316 .21932 .25539 .2687 -00139	CLM .09173 .09898 .10381 .10953 .11611 .12376 .15346 .14352 .15280 .16282 .17236 .18327 .20405 .23404 .26371 .00248	CY00192005460055700301001910029100460007550086900859008590045400430003720024600018	CLN .00023 .00031 .00014 .00008 .00036 .00036 .00037 .00046 .00054 .00054 .00054 .00008	CSL .00115 .00089 .00104 .00098 .00125 .00095 .00115 .00088 .00111 .00099 .000310 00002

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# (CA-8) K3V9.1.2TS5H15.6.1F10TS402SS

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(TUF110) ( 07 JUN 76 )

SREF LREF	= 2690.c	0000 SO.FT.	XMRP =	= 1109,0000	IN YO				PARAMETRIC	DATA	
BREF SCALE	= 936.6	3100 IN. 3800 IN.	YMRP :		IN. YO			BETA = STAB =	.000	RN/L = ELEVIR =	1.090
JUALE		1405						IORB = BDFLAP =	6.000	ELEVON =	.000 -5.000
			RUN NO.	110/ 0 RM	V/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	.000		
	MACH . 155 . 155 . 154	ALPHAW -2.804 .122 2.207	BETA .00000 .00000 .00000	0(PSF) 35.21528 35.34766 35.14995	ALPHAO .78190 3.70265	CL 06563 .00219	CD .06050 .05474	CLM CY .0826800		030 .00	113
	.154 .155 .154	4.279 6.337 8.341	.00000	35.07579 35.21173 35.05913	5.77990 7.83833 9.87542	.05655 .11062 .17076	.05265 .05514 .06197	.0960300 .1018000 .1082900	397 .000 541 .000	070 .00 060 .00	067 072 092

.57154

.02492

.99634

. 17076 35.05913 .06197 .10829 -.00528 11.86744 .00053 .00118 . 55886 .07181 35.00980 .11528 -.00621 13.88031 .00045 .28739 .00107 .08596 35.14095 35.30121 15.86221 17.88449 20.00096 22.02832 .12441 -.00847 .00054 .00059 34718 -10430 -13416 -.00615 .00050 .00047 .00077 .12831 .41065 .14374 35.32797 -.00612 47964 .00059 .15353 35.36859 -.00732 .00048 .00058 .00069 .00055 ,54214 .19150 .16288 35.41063 -.00520 23.96545 .00011 .60254 .22865 .25725 .26944 .17545 .19602 .22866 35.42341 -.00445 26.00191 .00051 ,62691 35.79934 -.00419 28.02577 .00080 .60816 35.83813 -.00232 30.42828 -.00034

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DATE 06 JUL 76

## CA-8 - FORCE SOURCE DATA TABULATION

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#### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TJF111) ( 07 JUN 76 )

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# PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = .000	00 IN.XO 00 IN.YO 00 IN.ZO			BETA = STAB = 10RB = BDFLAP =	.000 RN/L = 1.090 .000 ELEVTR = .000 8.000 ELEVON = -5.000
	RUN NO. 111/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/ 5.00	
MACH ALPHAW .155 -2.829 .155 .107 .154 2.170 .154 4.254 .154 6.241 .154 8.360 .154 10.425 .154 12.368 .154 14.368 .155 16.468 .155 18.458 .155 20.474 .155 22.511 .155 24.518 .156 26.875 GRADIENT	BETA 01PSF1	2.80906 5.73179 7.7719 9.85162 11.82551 13.93065 15.98417 17.91325 19.91360 21.98615 23.97401 25.99756 28.05236 20.09768	CL .03029 .10421 .16005 .21760 .27664 .33665 .39575 .45385 .52086 .58493 .65511 .71393 .73230 .69689 .63881	CD .05514 .05403 .05634 .06282 .07388 .C8913 .10972 .13394 .16418 .20135 .24356 .28820 .31973 .32860 .33024 .00088	CLM CY .09C8705501 .0983500666 .1092100793 .1117300824 .1207600720 .1320706849 .1420600972 .1517300828 .1605200828 .1693000939 .1782500805 .1881900931 .2125900831 .2492800534 .2843800435	.00028 .00154 .00015 .00108 .00026 .00101 .00017 .00078 .00030 .00061 .00056 .00035 .00032 .00036 .00082 .00021 .00106 .00028 .0013700008 .0018300020 .0025400094 .00105 .00077

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#### (CA-8) K3V9.1.2TS5H15.6.1F10TS402

(TJF112) ( 07 JUN 76 )

	VCF.	

#### PARAMETRIC DATA

SREF = 2690.0000 SO.FT. LREF = 474.8100 lN. BREF = 936.6800 lN. SCALE = .0405	. XMRP = 1109.0000 IN.X0 YMRP = .0000 IN.Y0 ZMRP = 375.0000 IN.Z0		STAB = -2.000 EL	V/L = 1.090 EVTR = .000 EVON = -5.000
	RUN NO. 112/ 0 RN/L = .CO	GRADIENT INTERVAL = -5.0	0/ 5.00	
MACH ALPHAW	BETA 0(PSF) ALPHAO 00000 34.95257 2.83575 00000 35.18020 5.81230 00000 35.14741 7.77128 00000 35.22827 9.82584 00000 35.02419 13.92864 00000 35.05589 15.95977 00000 35.02419 13.92864 00000 35.02419 13.92864 00000 35.05589 15.95977 00000 35.05589 15.95977 00000 35.10292 19.93847 00000 35.10292 19.93847 00000 35.21136 21.93977 00000 35.51077 25.99756 00000 35.56715 28.03020	CL CD CLM .03291 .05528 .091 .11025 .05311 .099 .16533 .05563 .105 .21992 .06204 .112 .28026 .07317 .121 .33456 .08826 .131 .39710 .10899 .142 .45520 .13410 .152 .52138 .16501 .160 .58568 .20000 .169 .65545 .24299 .178 .73461 .32033 .209	148	00079 00070 00070 00120 00120 00069 00069 00065 000647 00022 00001
156 24.556 156 25.897 GRADIENT	.00000 35.67719 30.12029 .00000 35.77701 32.50596 .00000 .03615 .99497	.7074 .33965 .249 .63963 .3296 .286 .02670 .00090 .002	5100619 .00153 41000, 54200	.00003 .00165

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(TUF113) ( 07 JUN 76 )

PAGE 745

(CA-8) K3V9.1.2TS5H15.6.1F10TS402

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#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	474. 936.	0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =		IN. YO			851 517 106 806	<b>48 =</b> 1			00
手が物 禁止			RUN NO.	113/ 0 R	N/L = .00	GR/-01ENT	INTERVAL *	-5.00/	5.00			
	MACH -154 -155 -154 -154 -154 -155 -155 -155	ALPHAW -2.817 .184 2.203 4.292 6.344 8.340 10.314 12.408 14.467 16.451 18.450 20.506 22.510 24.502 26.853 GRADIENT	BETA	01PSF) 35.09250 35.30440 35.28362 35.05254 35.13144 35.20376 35.15137 35.28317 35.27329 35.39151 35.40694 35.50458 35.66139 35.90674	ALPHAO 2.80397 5.79365 7.80086 9.87740 11.91537 13.90447 15.86221 17.94201 19.98431 21.96085 23.95689 26.02367 28.04793 30.07056 32.45959 ,99498	CL .03418 .10798 .16438 .2048 .28140 .33786 .39374 .45715 .5254 .58348 .65484 .71721 .73133 .69348 .63980 .02628	CD .05531 .05399 .05719 .06353 .07478 .08971 .10936 .13504 .16725 .20312 .24345 .29023 .32948 .33955 .00098	CLM .09073 .09880 .10454 .11161 .12127 .13164 .14149 .15138 .15067 .15955 .17743 .18970 .21077 .24855 .28516 .00292	CY01186013910117700929010640137301255012090148601383012580116600576004420037	CLN .00093 .00064 .00034 .00014 .00022 .00056 .00049 .00072 .00114 .00699 .00173 .00228 .00287 .00132 .00003	CSL .00113 .00070 .00078 .00103 .00050 .00050 .00043 .00027 00011 .00020 0015 00048 00134 .00033 .00180 00062	

CSL

DATE 05 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS5

F10TS402

(TUF114) ( 07 JUN 76 )

### REFERENCE DATA

**GRADIENT** 

XMRP = 1109.0000 IN.XO YMRP = .0000 IN.YO SREF # 2690,0000 SO.FT. LREF = 474.8100 IN. ZMRP = 375,0000 IN.ZO BREF = 936.6800 IN. SCALE = .0405

1.090 .000 RN/L = BETA = -5.000 8.000 ELEVON = 10RB = .000 ROFLAP =

CLN

PARAMETRIC DATA

J.			RUN NO.	1147 0 RI	1/L =	.00 G	RADIENT	INTERVAL	×	-5.00/	5.00	
	MACH	ALPHA	ы вета	0(PSF)	ALPHA		13227	CD .05793		CLM .09027	CY 00360	

MACH .155 .155 .155 .155 .155 .155 .155 .15	20.512 .00000 22.487 .00000 24.587 .00000	0(PSF) ALPHA0 35.27108 2.71253 35.26986 5.80543 35.19013 7.77325 35.18762 9.82187 35.14150 11.83549 35.12704 13.86622 35.13136 15.85205 35.13168 17.89681 35.23666 19.92192 35.37162 21.95242 35.49883 23.98685 35.48530 26.04108 35.39501 28.03464 35.67258 30.17457 35.95899 32.4966901359 99570	CL .03227 .10816 .16326 .2286 .27877 .33684 .39063 .45017 .51947 .58446 .65418 .71325 .73495 .69490 .63538	CD .05793 .05495 .05666 .06308 .07336 .08896 .10772 .13239 .16362 .19365 .24206 .28723 .31955 .32674 .32514 .00064	CLM .09027 .09905 .10458 .11162 .12018 .13169 .14116 .15133 .16089 .17017 .17899 .18957 .21104 .25037 .28574	CY 00360 02881 02885 0554 00807 01078 01037 00924 00929 00939 00565 00788 00473 00334 00345	.00044 .00060 .00068 .00016 .00034 .00031 .00044 .00078 .00078 .00173 .00126 .00024	.00121 .00131 .00130 .00112 .00065 .00071 .00028 .00033 .00033 .00033 00031 00043 00076 .00129
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# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(TJF115) ( 07 JUN 76 )

PARAMETRIC DATA

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#### (CA-8) K2V9.1.2TS5F30G5.3.5TS401

RUN NO. 115/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

#### REFERENCE DATA

SREF = 2690.0000 SO.FT. XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.6800 IN. ZMRP = 375.0000 IN.Z0 1.090 BETA = .000 RN/L = 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700

SCALE = .0405

			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,	J	*****	3.55	5.00		
	MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
	. 155	-2.922	.00000	35.10768	-2.34616	12750	.03507	.02956	01069	.00087	.00099
Ç.	. 154	. 164	.00000	35.09215	.73160	06702	.02561	.03740	00893	.00025	.00130
	. 155	2.176	.00000	35.14822	2.73502	01815	.02168	. 04453	00922	00006	.00108
	.155	4.215	.00000	35.31275	4.76841	.03223	.02027	.05152	00824	.00006	.09131
	. 155	6.306	.00000	35.12882	6.84045	.08902	.02187	.05737	00789	.00005	.00145
	.155	8.311	.00000	35.23125	8.82776	.14564	.02703	.06309	00998	.00000	.00128
	. 155	10.317	.00000	35.25316	10.81503	.20755	.03555	.06913	06954	00004	- 00136
	. 155	12.365	.00000	35.20767	12.85580	.26563	.04881	.07508	00715	100001	.00115
	, 155	14.403	.00000	35.23126	14.89313	. 33527	.06722	.08226	01005	.00035	.00064
	.155	16.429	.00000	35.21023	16.89309	.40142	.08943	.09075	00864	.00031	.00122
	.155	18.503	.00000	35.51307	18.97242	.46544	.11610	.10177	00854	.09057	.00107
	. 155	20.496	.00000	35.21026	20.95929	.52302	.14623	.11498	00677	.00055	.00099
	.155	22.456	.00000	35.53061	22.93918	.54456	.16895	. 14003	00553	100007	00170
	. 155	24.539	.00000	35.25659	25.05144	.53031	.17899	.16945	00827	00029	.09090
	.156	26.834	.00000	35.92208	27.40284	.53749	.18935	.20075	00744	00102	.00226
		GRADIENT	.00000	. 02669	. 99578	.02239	00212	.00309	.0003:	00012	.00003

DATE 06 JUL 75 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS5H15.6.1F10TS401

.99625

(TJF116) ( 07 JUN 76 )

# REFERENCE DATA

GPADIENT -

.00000

-.08528

#### PARAMETRIC DATA

.00325

.00352

-.00012

.00003

		The state of the s									
									.000 RN/L		.090
	,,,,,										.000
		ZVIN	- 5/5.000	10 114.20						N =	. 555
· 7	בטרג						51	JELAP = -1	11.700		
		RUN NO.	116/ 0	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
MACH	ALPHAH	BETA	O(PSF)	ALPHAO	CL.	CD	CLM	CY	CLN	CSL	
. 155	.!61	.00000	35.49748	71939	06324	.02387	.03822	03937	.00037	.00095	
.155	2.223	.00000	35,44845	2.77267	01473	.02039	.04497	01063	00322	.00073	
. 155	4.242	.00000	35,14855	4.78508	.03177	.01968	.05148	00662	00010	.00108	
		1995									
156	25.893	.00000	33.93328	27.54119	-50540	.18855	119971	05555	00005	.00155	
	= 474.8 = 936.6 = .0	= 474.8100 IN. = 936.6800 IN. = .C405 MACH ALPHAW .155 .!61 .155 2.223 .155 4.242 .155 5.330 .155 9.337 .155 10.415 .155 10.415 .155 14.442 .155 16.487 .155 18.484 .155 20.485 .155 22.474 .156 24.595	= 474.8100 IN. YMRP = 936.6800 IN. ZMRP = .0405 RUN NO.  MACH ALPHAM BETA .155 .161 .00000 .155 2.223 .00000 .155 4.242 .00000 .155 5.330 .00000 .155 9.337 .00000 .155 10.415 .00000 .155 12.379 .00000 .155 14.442 .00000 .155 14.442 .00000 .155 16.487 .00000 .155 16.487 .00000 .155 20.485 .00000	= 474.8100 IN. YMRP = .0000 = 936.6800 IN. ZMRP = 375.000 = .0405 RUN NO. 116/ 0 MACH ALPHAM BETA 0(PSF) .155 .161 .00000 35.49748 .155 2.223 .00000 35.44845 .155 4.242 .00000 35.14855 .155 9.337 .00000 35.14725 .155 10.415 .00000 35.15087 .155 12.379 .00000 35.15086 .155 14.442 .00000 35.15086 .155 14.442 .00000 35.15855 .155 16.487 .00000 35.24551 .155 16.487 .00000 35.35465 .155 20.485 .00000 35.355465 .155 22.474 .00000 35.355465 .155 22.474 .00000 35.355465	= 474.8100 IN. YMRP = .0000 IN.YO = 936.6800 IN. ZMRP = 375.0000 IN.ZO = .C465 RUN NO. 116/ O RN/L = .00 MACH ALPHAM BETA 0(PSF) ALPHAO .155 .!61 .00000 35.49748 .71939 .155 2.223 .00000 35.49845 2.77267 .155 4.242 .00000 35.14855 4.78308 .155 5.330 .00000 35.14855 4.78308 .155 8.337 .00000 35.14725 8.84754 .155 10.415 .00000 35.15060 10.99860 .155 12.379 .00000 35.15060 10.99860 .155 14.442 .00000 35.15855 14.89324 .155 16.487 .00000 35.24551 16.92987 .155 16.487 .00000 35.35465 20.92743 .155 20.485 .00000 35.35460 20.92743 .155 22.474 .00000 35.35460 20.92743 .155 22.474 .00000 35.354390 22.94667 .156 24.595 .00000 35.87750 25.10462	= 474.8100 IN. YMRP = .0000 IN.YO = 936.6800 IN. ZMRP = 375.0000 IN.ZO = .C405 RUN NO. 116/ O RN/L = .00 GRADIENT MACH ALPHAM BETA 0(PSF) ALPHAO CL .155 .161 .00000 35.49748 .7193906324 .155 2.223 .00000 35.44845 2.7726701473 .155 4.242 .00000 35.14855 4.78508 .03177 .155 5.330 .00000 35.14855 4.78508 .03177 .155 8.337 .00000 35.14725 8.84754 .14554 .155 10.415 .00000 35.15060 10.89660 .20921 .155 12.379 .00000 35.15060 10.89660 .20921 .155 14.442 .00000 35.15855 14.89324 .33574 .155 16.487 .00000 35.15855 14.89324 .33574 .155 16.487 .00000 35.24551 16.92987 .40733 .155 18.484 .00000 35.35465 18.93934 .46405 .155 20.485 .00000 35.3546 20.92743 .52560 .155 22.474 .00600 35.354390 22.94667 .54680 .156 24.595 .00000 35.87750 25.10462 .52770	= 474.8100 IN. YMRP = .0000 IN.YO = 936.6800 IN. ZMRP = 375.0000 IN.ZO = .C465 RUN NO. 116/ O RN/L = .00 GRADIENT INTERVAL = MACH ALPHAH BETA 0(PSF) ALPHAO CL CD .155 .161 .00000 35.49748 .7193906324 .02387 .155 2.223 .00000 35.44845 2.7726701473 .02039 .155 4.242 .00000 35.14855 4.78308 .03177 .01968 .155 5.330 .00000 35.14855 4.78308 .03177 .01968 .155 5.330 .00000 35.14725 8.84754 .14554 .02649 .155 8.337 .00000 35.14725 8.84754 .14554 .02649 .155 10.415 .00000 35.15060 10.99660 .20921 .03544 .155 12.379 .00000 35.15060 10.99660 .20921 .03544 .155 12.379 .00000 35.15855 14.89324 .33574 .06767 .155 14.442 .00000 35.15655 14.89324 .33574 .06767 .155 16.487 .00000 35.24551 16.92987 .40733 .09084 .155 18.484 .00000 35.3546 .00000 35.35546 .00000 35.35560 .14662 .155 .22.474 .00000 35.354390 .22.94667 .54690 .16796 .156 .24.595 .00000 35.87750 .25.10462 .52770 .17695	= 474.8100 IN. YMRP = .0000 IN.YO	## 474.8100 IN.	## 474.8100 IN. YMRP = .0000 IN.YO	## 474.8100 IN.

.02328

-.00103

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

# (CA-8) K2V9.1.2TS5H15.6.1F10TS401

PAGE 749

1.090 .000

(TJF117) ( 07 JUN 76 )

LPEF =	2690.0000 474.8100			1109.0000	IN. XO					PARAMETRE	DATA	
BREF ≈ SCALE =	936.6800		MRP =		IN YO			BETA STAB	=	.000	RN/L * ELEVIR =	
		PUN						IORB BDFLAF	=	3.000 -11.700	ELEVON =	

		MUN NO.	117/0 F	RN/L = nn				•	1.700	
MACH	ALPHAW	BETA		NYL = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
. 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155 . 155	-2.814 .173 2.204 4.205 6.253 8.268 10.358 12.435 14.434 18.478 20.510 22.484 24.508 GRADIENT	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.20676 35.21382 35.15056 35.15056 35.17137 35.17727 35.19692 35.09673 35.12386 35.34756 35.43176 35.45176 35.77875 35.93466 01098	ALPHAO -2.22691 .74723 2.76778 4.75567 6.78349 8.80403 10.85085 12.96793 14.93369 16.93395 18.93521 20.96929 22.96791 25.03122 27.36761	CL 13436 06905 01744 .03007 .08465 .13978 .20313 .27324 .33812 .33943 .46462 .52605 .54532 .553282 .55781	CD .03283 .02358 .01974 .01875 .02666 .02500 .03411 .04881 .06745 .08851 .11496 .11496 .14654 .15713 .17747 .18845	CLM -02975 -03801 -04457 -05106 -05744 -06323 -06881 -07552 -09035 -10117 -11521 -13996 -17140 -20204	CY0112401091012680107800893007770086701145011570110900958007800069500695	CLN .00055 .00038 00013 00006 00007 .00003 .00008 .00008 .00035 .00047 .00057 .00057 .00057	CSL .00104 .00096 .00094 .00100 .00129 .01085 .00082 .00057 .00057 .00057 .00092 -00057 .00092

(CA-8) K2V9.1.2TS5H15.6.1F10TS401

(TJF118) ( 97 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT, LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = 1109.0000 IN.X0 YMRP = .0000 IN.Y0 ZMRP = 375.0000 IN.Z0		IORB =	.000 RN/L = 1.090 4.000 ELEVIR = .000 3.000 ELEVON = .000
그 등 사람들이 하고 있는 것 같다.	RUN NO. 118/ 0 RN/L =	.00 GRADIENT INTERVAL	= -5.00/ 5.00	
MACH ALPHAW -155 -2.799 -155 -130 -155 -167 -155 -167 -155 -6.310 -154 -8.278 -154 -10.315 -155 -12.352 -155 -14.395 -155 -14.395 -155 -16.408 -155 -18.467 -155 -22.511 -156 -24.549 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840 -156 -26.840	BETA 0(PSF) ALPHA .00000 35.08389 -2.2107 .00000 35.15441 .7068 .00000 35.18600 2.7335 .00000 35.18600 2.7335 .00000 35.07518 6.8503 .00000 35.07518 6.8503 .00000 35.01882 10.8130 .00000 35.11025 12.8357 .00000 35.11025 12.8357 .00000 35.33512 18.9228 .00000 35.37558 23.0018 .00000 35.37558 23.0018 .00000 35.67267 25.0743 .00000 35.8598 27.3984 .00000 35.8598 27.3984	78      13503       .03237         79      05829       .02273         70      05829       .01903         70       .03003       .01799         70       .08382       .01962         70       .20415       .02415         70       .2068       .03306         70       .26282       .04614         70       .33552       .06540         70       .33552       .06540         70       .5281       .1407         70       .5281       .14407         70       .5281       .17565         70       .5281       .17565         70       .5281       .17565         70       .5281       .16683	CLM CY .0304301175 .0382501334 .0447001216 .0519700970 .0576800942 .0632300838 .0694301168 .0753001145 .0819801204 .0909001062 .1014300960 .1150200776 .1382300594 .1694300589 .2016200507 .00504 .00028	CLN C5L .00060 .00071 .00058 .00089 -00009 .00084 .00005 .00110 -00005 .00111 .00008 .00067 .00014 .00068 .00042 .00069 .00051 .00079 .00048 .00078 .00017 .00080 .00037 .00094 -00037 .00094 -00037 .00021 -00010 .00005

## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

# (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(TUF119) ( 07 JUN 76 )

PARAMETRIC DATA

PAGE 751

	2690.0000 SQ.FT.	XMRP = 1109.000	IN.XO		BETA	.000	RN/L =	1.090
	474.8100 IN.	YMRP = .000	0 IN.YO		STAB	= -2.000	ELEVIR =	.000
		ZMRP = 375.000	O IN.ZO		IORB	= 3.000	ELEVON =	.000
SCALE =	.0405	化海绵剂 化物分子 医大脑外侧			BOEL AP	= -11.700		

		RUN NU.	1197 0	RN/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH	ALPHAW	BETA	G(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	-2,799	.00000	35.20655	-2.21714	13375	.03234	. 03001	01173	.00052	.00056
. 154	. 160	.00000	35.05895	.72622	07040	.02305	.03802	0:295	.00036	.00064
. 155	2.212	.00000	35.17864	2.77218	01905	.01880	.04473	01315	00012	.00098
. 155	4.257	.00000	35.15995	4.82821	.02728	.01837	.05153	01023	-,00004	.00095
. 154	6.305	.00000	35.05556	6.85129	.08472	.01999	.05780	00941	.00001	.00111
. 155	8.325	.00000	35.08392	8.83172	.14097	.02472	.06348	00934	00014	.00126
. 155	10.370	.00000	35,10015	10.91054	.20169	.03359	.06954	01067	00001	.00089
. 154	12.357	.00000	35.04092	12.83175	.26588	.04694	.07538	01098	.00015	.00059
. 155	14.424	.00000	35.19401	14.90537	.33575	.06651	.06248	01055	.00029	00084
. 155	16.441	.00000	35.21940	16.92578	.40462	.08914	.09158	- 01107	.00045	.00061
.155	18.563	.00000	35.36428	19.02617	.46979	.11677	.10216	00907	.00054	.00096
. 155	20.498	.00000	35.35961	21.00698	.52251	.14532	.11512	00224	.00053	.00060
. 155	22.399	.00000	35.36069	22.93393	.54294	.16525	.13945	00689	.00041	00115
.156	24.446	.00000	35.73721	24.99570	.53051	.17648	.17005	00546	.00019	.00108
- 156	26.841	.00000	35.82497	27.38522	.50671	.18829	.20328	00425	00061	.00190
	GRADIENT	.00000	00261	.99817	.0.295	00205	. 00305	.00015	- 00009	. 00005

## (CA-8) K2V9.1.2TS5H15.6.1F10TS401

(TUF120) ( 07 JUN 76 )

PARAMETRIC DATA

COSE DOSS CALL DA LA						
SREF = 2690.0000 SO.FT. XMRP	= 1109.0000	IN.XO	BETA =	.000	KN/L =	1.090
	0000	IN.YO	STAB =	-2.000	ELEVTR =	-23.000
BREF = 936.6800 IN. ZMRP	= 375.0000	IN.70	10RB =	3.000	ELEVON =	.000
SCALE = .0405	_, _, _, _				ELEVUM -	.000
20000			BDFLAP =	-11.700		

	RUN NO.	120/ 0 RN/1	L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH ALPHAW .155 -2.785 .154 .146 .155 2.091 .155 4.206 .155 6.205 .155 8.276 .155 10.325 .155 12.449 .155 14.337 .155 18.435 .155 20.438 .155 22.562 .155 24.483 .156 26.903 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.10984 34.93238 35.18724 35.27518 35.25126 35.32738 35.32738 35.32928 35.25928 35.25928 35.25928 35.45277 35.64641	ALPHAO -2.16927 .74918 2.69515 4.78998 6.77749 8.83172 10.86676 13.00218 14.83055 16.87675 18.91455 20.91487 23.06987 25.01828 27.47335	CL 13661 07300 02418 .02677 .08033 .13543 .19850 .27016 .33394 .39905 .46747 .52408 .54641 .53317 .50651	CD .03059 .02155 .01778 .01614 .01799 .0206 .03665 .04602 .06286 .08532 .11252 .11251 .16509 .17496 .18716	CLM .03096 .039)4 .04526 .05257 .05866 .06401 .06972 .07714 .08285 .09114 .10199 .11535 .13972 .16952 .20441	CY010720090201111007770069100856007590090900914007290086900964	CLN .00073 .00037 .00009 00010 00005 00002 .00019 .00011 .00023 .00037 .00048 .00045 .00045 00017	CSL .00104 .00125 .00100 .00136 .00123 .00161 .00117 .00120 .00120 .00124 .00087 00087
33.2	.00000	.02912	.99532	.02344	00210	.00309	.00030	00012	.00003

# DATE 05 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(TJF121) ( 07 JUN 76 )

PAGE 753

(CA-8) K2V9.1.2TS6H15.6.1F10TS401

# REFERENCE DATA

# PARAMETRIC DATA

	SREF	×	2690.0000	SQ.FT.	XMRP	= 1109.0000	IN VO		- <u>- 111</u>			
	LREF		474.8100	IN.	YMRP		IN. YO		BETA =	.000	RN/L =	1.090
	BREF	=	936.6800	IN.	ZMRP				STAB =	-5.000	ELEVTR =	17.000
	SCALE	=	.0405			5.5.0000	1.4.25		ICRB =	3.000	ELEVON =	.000
÷									BDFLAP =	-11.700		

	RUN NO. 1	21/ 0 RI	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH ALPHAW -155 -2.912 -155 .221 -155 .225 -155 4.285 -155 6.219 -155 8.396 -155 10.391 -155 12.380 -155 12.380 -155 18.549 -155 18.549 -156 20.504 -157 22.522 -156 24.449 -156 26.791	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.23922 35.21430 35.26704 35.31032 35.11816 35.15959 35.32758 35.43233 35.74330 35.93072 35.85747 35.89301 .00264	ALPHAO -2.34127 .77751 2.77072 4.84096 6.77946 8.90291 10.88268 12.84979 14.87504 16.92578 19.00136 20.96511 23.00613 24.95787 27.31037 .99750	CL +.13238 06455 01728 .03268 .08449 .14646 .20479 .27327 .34270 .40994 .47405 .53400 .54723 .53420 .51109	CD .03275 .02309 .01993 .01922 .02626 .03503 .04910 .06848 .09080 .11835 .14872 .16783 .17752 .19025	CLM .02870 .03803 .04405 .05123 .05713 .06296 .06952 .07498 .08139 .09057 .10181 .11552 .13922 .17107 .20096	CY0088300993009540052600591007870081600848009210075800750005800058000530	.00040 .00041 .00000 00005 00001 00017 .00013 .00024 .00024 .00045 .00061 .00063 .00063 00069	CSL .00117 .00104 .00146 .00162 .00091 .00094 .00162 .00093 .00093 .00053 .00053 .00118 .00193 .00193

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS6 F0TS401

(TUF122) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SO.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405 BETA = .000 RN/L = 1.090 10RB = 3.000 ELEVON = .000 RDFLAP = -11.700

PARAMETRIC DATA

RUN NO. 122/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.951 .229 2.263 4.161 6.232 8.250 10.200 12.381 14.387 16.393 18.357 20.393 22.418 24.492 26.724 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.41381 35.14612 35.23155 35.18360 35.00924 35.31279 35.10627 35.18370 35.42784 35.48706 35.54621 35.82140 36.10103 35.95602 36.70897 02889	ALPHAO -2.34909 .82489 2.85189 4.74391 6.80799 8.81392 10.74739 12.92762 16.93804 18.91041 20.95987 25.15213 27.42487	CL ~.07405 .00003 .05296 .10143 .15916 .21764 .27686 .33653 .37976 .40132 .40210 .39334 .37465 .35814 .33729	CD .03217 .02523 .02373 .02378 .02775 .03483 .04547 .06095 .07736 .09164 .10164 .11061 .11590 .12023 .12160	CLM .01765 .02638 .03277 .03921 .04446 .05003 .05468 .06259 .07313 .08824 .10441 .12481 .15580 .18909 .22778	CY01313010930118401189008000089400921009230052300523005230052300523	CLN .00093 .00059 -00003 .00020 .00027 .00011 .00024 .00022 .00037 .00040 .00068 .00049 .00066 .00012	CSL .90031 .00059 .00025 .00025 .00066 .00065 .00029 .00029 .00029 .00049 .00122 .00210 .00295 00202
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DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(TUF123) ( 07 JUN 76 )

(CA-8) K2V9.1.2TS6H15.6.1F0TS401

#### PARAMETRIC DATA

		REFERENCE D	ATA						PARAI	TEIRIC DATA		
J., L.	= 474. = 936.	0000 SQ.FT. 8100 IN. 6800 IN. 0405	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO				AB = -4 RB = 3	.000 RN/L .000 ELEVT .000 ELEVO .700	R =	.090 .000 .000
			RUN NO.	153/ 0 E	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00			
	MACH .155 .155 .155 .155 .155 .155 .156 .156	ALPHAW -2.774 .231 2.158 4.339 6.157 8.267 10.268 12.295 14.270 16.211 18.301 20.359 22.454 24.311 26.489 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.08788 35.06495 35.08280 34.90437 35.32663 35.18554 35.18554 35.32880 35.55466 35.95753 36.02101 36.42434 36.2131602208	ALPHAO -2.15996 .83612 2.75507 4.92822 6.74404 8.82776 10.81901 12.83375 14.81235 16.75423 18.85670 20.93580 23.03587 24.94925 27.16521 .99648	CL 07211 00273 .04791 .10549 .15342 .21702 .28143 .33656 .37560 .40005 .40405 .40403 .39540 .37705 .35904 .34053	CD .03124 .02464 .02312 .02399 .02769 .03491 .04592 .06125 .07701 .09164 .10350 .111789 .12205 .1247800105	CLM .01835 .02597 .03255 .04008 .04051 .05603 .05603 .07267 .08763 .10536 .12748 .15996 .18733 .22666 .09306	CY01121012230108400871007560083200945008280073600510005930049300503	CLN .00113 .00053 .00018 .00017 00003 .00007 .00019 .00029 .00029 .00029 .00050 .00050	CSL .00951 .00940 .00068 .00054 .00034 .00038 -00014 .00028 .00054 .00036 .00036 .00036 .00036 .00036	

# (CA-8) K2V9.1.2TS6H15.6.1F0TS401

(TUF124) ( 07 JUN 76 )

	REFERENCE	LUATA				PARAMETRIC DATA	
LREF = 1	590.0000 SO.F 474.8100 IN. 936.6800 IN. .0405	T. XMRP = YMRP = ZMRP =	.0000 IN.YO		BETA = STAB = IORB = BDFLAP =	.000 RN/L = -2.000 CLEVIR = 3.000 ELEVON = -11.700	000. 000. 000.

				0.01	CAC II	1.700	
	RUN NO. 124/ 0	RN/L = .00	GRADIENT INTERVAL	≈ -5.00/	5.00		
MACH ALPHAW .155 -2.843 .155 .194 .155 .161 .155 4.279 .155 6.239 .155 8.257 .155 10.261 .155 12.266 .155 14.425 .155 16.340 .156 20.400 .157 22.456 .157 24.377 .158 26.680 GRADIENT	BETA 0.PSF.1 .00000 35.12978 .00000 35.13048 .00000 35.15058 .00000 35.15652 .00000 35.20074 .00000 35.22451 .00000 35.22451 .00000 35.37234 .00000 35.65277 .00000 36.06354 .00000 36.1905 .00000 36.59107 .00000 36.59107	-2.23571 -78972 2.75311 4.86253 6.81291 8.81985 10.81503 12.80369 14.96403 16.87675 18.91455 20.97767 23.06137 25.01396 27.35980	CL CD .07225 .03140 .00244 .02503 .05049 .02373 .10110 .02449 .15986 .02819 .21649 .03543 .28127 .04647 .33643 .06159 .38624 .07940 .40113 .09288 .40438 .10419 .39702 .11379 .37944 .11923 .36035 .12251 .33754 .12532	CLM .01793 .02612 .03250 .03882 .04508 .05027 .05600 .06334 .07437 .08839 .10477 .12642 .15730 .18991 .22751	CY0166501772013240121100961010760107601175011870108700886008410073000547	CLN .00107 .09046 .00029 .00024 .00003 .00017 .00038 .00017 .00038 .00070 .00070 .00079 .00064 00006	CSL00001 .00005 .00019 .00016 .00016 .00016 .00016 .00005 .000062 .000062 .000062 .000062 .000062 .000062 .000062 .000062 .000062 .000062 .000062 .000062

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## DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2V9.1.2TS6H15.6.1F0T5401

## (TUF125) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

Section 1					*1 *1,* (2 ) *1 (* * * * * * * * * * * * * * * * * *		BETA =	.000	RN/L =	1.090
SREF =	2690.0000 9	50.FT. X	MRP =	1109.0000			STAB =	.000	ELEVTR =	.000
LREF =	474.8100		MRP =		IN.YO		IORB =	3.000	ELEVON =	.000
BREF =			MRP =	375.0000	IN.ZO		BDFLAP =	-11.700		
SCALE =							30. 2			

SCALE	=	.0405					-	-		
	ing ing Masa Mga saga		RUN NO.	125/ 0 RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
	MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.881 .198 2.170 4.176 6.304 8.233 10.243 12.331 14.873 16.474 18.413 20.423 22.374 24.475 25.646 GRADIENT	BETA .000000	35.11362 .79!18 35.10945 2.75311 35.12798 4.75273 35.18537 6.86900 35.21262 8.79019 35.08535 10.78917 35.39437 12.92597 35.27577 15.40148 35.66750 16.99935 35.69330 18.96001 35.94653 20.98186 36.09948 22.97640 36.27272 25.11325 36.32425 27.31917	CL 07327 0081 .04878 .10306 .15784 .21714 .27781 .33967 .36906 .40154 .40463 .37886 .35901 .35773 .02500	CD .05226 .02526 .02411 .02491 .02867 .03574 .04654 .06277 .08296 .09363 .10454 .11200 .11898 .12322 .12518	CLM .01721 .02603 .03188 .03900 .04430 .04990 .05526 .06357 .07698 .08660 .10625 .12817 .15639 .19033 .22774	CY 01410 01423 01426 01069 01102 01195 01126 01126 00962 00941 00980 00774 00646 05504	CLN .00135 .00056 .00024 .00018 .00019 00002 .00012 .00029 .00038 .00049 .00071 .00071 .00071 .00020 00020	CSL .00032 .00063 .00029 .00013 .00031 .00045 .00025 00026 00042 00012 .00018 .00165 .00233 00003

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(TJF126) ( 07 JUN 76 )

8 , . . . 9

(CA-8) K3V9.1.2TS6H15.6.1F0TS401

#### PARAMETRIC DATA

#### REFERENCE DATA

1.090 RN/L = BETA .000 SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 1N.X0 -4.000 .000 ELEVTR = STAB = YMRP = .0000 IN.YO LREF = 474.8100 IN. ELEVON = .000 10RB = 6.000 ZMRP = 375.0000 IN.Z0BREF = 936.6800 IN. BDFLAP = -11.700SCALE = .0405

		RUN NO.	26/ D RN	I/L = .CO	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH .155 .155 .154 .154 .155 .155 .155 .156 .156 .156 .156	ALPHAW -2.830 .089 2.215 4.165 6.207 8.251 10.211 12.220 14.312 16.382 18.452 20.369 22.337 24.356 26.722 GRADIENT	BETA .03000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF ) 35.03349 35.03220 35.02858 34.95969 34.95469 35.01646 35.03892 35.19508 35.78523 35.83590 35.94360 35.99272 36.16293	ALPHAO .81951 3.74279 5.84667 7.78508 9.81592 11.84747 13.80181 15.80126 17.82859 19.96767 22.05363 24.00397 25.97581 28.03020 39.44189 .99533	CL .07849 .15453 .21387 .27566 .33965 .46695 .52837 .57268 .59497 .60037 .586780 .53741 .49885	CD 03064 02996 02586 01927 00812 .00796 .02564 .04967 .07529 .09904 .11935 .13254 .14419 .15107 .15348 .06158	CLM .02771 .03741 .04306 .04849 .05366 .06109 .05903 .07923 .09075 .10788 .12865 .1428 .17816 .21429 .25879 .00296	CY0149401427013030132401132012730135901312012540129401174009940079800737097650028	CLN .00016 00027 00022 .00014 .00023 .00012 .00015 .00016 .00018 .00018 .00019 .00019	CSL 00012 .00051 .00025 .00020 .00024 .00015 .00017 00056 00061 .00054 .00123 .00302

DATE 06 JUL 76 CA-9 - FORCE SOURCE DATA TABULATION

(CA-B) K3V9.1.2T56H15.6.1F0TS401

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(TUF127) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 2690.0000	SO.FT. XMRP *	1109.0000	IN.XO		S. TA	=	000. 000.s-	RN/L =	1.090
LREF = 474.8100	IN. YMRP =	.0000			STAB	_ =		ELEVON =	.000
BREF = 936.6800		375.0000	IN.ZU		BDFL	AP =	-11.700		

	RUN NO.	127/ 0 RN	NL = .00	GRADIENI	INTERVAL =	-5.007	5.00		
. 154	PHAM BETA	Q(PSF) 34.95780 35.02249 35.05940 35.29864 35.29116 35.2253 35.25039 35.32842 35.51066 35.69122 35.61905 35.78947 36.31187 36.18695	ALPHAO .80730 3.76334 5.79463 7.78903 9.87145 11.83150 13.83804 15.96790 17.92557 20.00928 21.99458 23.95689 26.10639 28.13660 30.44189 .99569	CL .07811 .15362 .21761 .28023 .34556 .40410 .46953 .52952 .57249 .59624 .60039 .58982 .53693 .49960	CD0304702978025940181900625 .0088202774 .05205 .07663 .10065 .11962 .13410 .14587 .15295 .15460	CLM .02751 .03742 .04293 .04854 .05399 .06951 .07906 .09059 .10764 .12592 .14804 .14937 .21478 .25854 .00299	CY01550014890165001519015240141501456015480150201397012280104900943009430093	CLN .00036 00016 00014 00021 00007 00017 .00014 00009 .00021 .00025 .cc019 00080 00080	CSL .00045 .00043 .000022 .00055 .00056 00076 00076 00063 .00063 .00063 .00070 00064

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#### (CA-B) K3V9.1.2TS6H15.6.1F0TS401

#### (TJF128) ( 07 JUN 76 )

#### REFERENCE DATA

PARAMETRIC DATA SREF = 2690.0000 SO.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 935.6800 IN. ZMRP = 375.0000 IN.ZO BETA = RN/L = .000 1.090 STAB = .000 ELEVTR = .000 ELEVON = .000

SCALE = .0405 6.000 -11.700 IORB = BOFLAP =

		RUN NO.	128/ 0 RM	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.841 .126 2.143 2.246 6.327 8.248 10.325 12.355 14.303 16.393 16.393 22.406 24.516 26.759 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.21113 35.23567 35.29221 35.16775 35.24564 35.26908 35.15302 35.157302 35.157302 35.15971 35.59149 35.74018 35.75257 35.75257 36.09955 36.08803 00245	ALPHAO .79460 3.74964 5.75830 7.88962 9.91708 11.82750 13.88635 15.92521 16.88084 17.85984 19.95519 22.00723 .23.96545 26.02367 28.18096 30.46004	CL .08004 .15676 .21511 .28511 .39584 .40866 .47287 .52999 .55193 .57201 .59514 .60053 .56775 .53461 .49921	CD02927025910251801716005320094105255064420764710045120171349014563157401543800164	CLM .02715 .03689 .04258 .04892 .05398 .06074 .06939 .07884 .08411 .09001 .10525 .12647 .14950 .17867 .21709 .25997	CY016380181801396014700132601420017070150401425014500134701232011460085200779007660036	CLN .00045 .00099 00032 00033 00013 .00010 .00023 .00027 00069 00012 .00063 .00063 .00063 .00065 00085	CSL .00008 00039 00019 .60031 00054 00054 00075 00033 00073 .00055 .00100

GPAD:ENT

.00000

.00855

.99708

#### DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(TJF129) ( D7 JUN 76 ) F0TS401 (CA-8) K3V9.1.2TS6

.00018

.00278

-.00010

-.00002

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	REFERENCE DATA	<b>A</b>						PAF	METRIC	DATA		
0	.0000 SQ.FT.	XMRP =	1109.0000	IN.XO			BETA	= ; .	.000	RN/L	. =	: 1.0

SREF = 2690..090 LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO 6.000 ELEVON = .000 10RB = BDFLAP = -11.700SCALE = .0405

	RUN NO. 18	29/ 0 RN/L =	.00 GR	ADIENT INTERVAL	_ = -5.00/	5.00		
MACH ALPH	IAN BETA	Q(PSF) A	PHAO CL	CD	CLM	CY	CLN	CSL
.155 -2.9	00000	35.14900 .	70083 .081	50250. 558	.02652	01122	.00056	.00046
.155	47 .00000	35.06550 3.	76726 .158	00000 446	.03596	01190	.03015	.00042
.155 2.1	32 .00000	35.11163 5.	74455 .214	15:	.04157	01026	.00007	.00020
.155 4.1	.00000	35.21561 7.	79494 .271	191 .04033	.04614	01020	00007	.00040
.155 6.3	.00000	35.25559 9.	91509 .339	961 .05204	.05192	01205	.00007	00015
.155 8.2	69 .00000	35.29582 11.1	35546 .398	983 .05550	.05921	00879	00010	.00055
.155 10.4	34 .00000	35.29637 14.	31524 .458	.08564	.06745	00897	.00005	. 20052
.155 12.3	.00000	35.28726 15.4	90489 .514	•01 .10765	.07628	C1368	.03021	00014
.155 14.8	00000	35.45068 17.4	36395 .555	570 .13047	.08795	01105	.00059	00083
.156 16.3	.00000	35.53019 19.1	90529 .578	15231	.10398	01093	.03023	00073
.156 18.3	.00000	35.70566 21.9	35242 .583	68 .17104	.12460	00948	.00033	00069
.156 20.4	51 .00000	35.78784 24.	.567	722 .18560	.14641	00662	.00013	.00003
.156 22.3	.00000	35.83248 25.1	99321 .544	139 .19435	17446	00559	.03009	.00083
.157 24.3	55 .00000	35.96845 28.1	3907 .511	.19813	.2:267	00485	00011	.00137
.158 26.7	26 .00000	36.48348 30.9	46912 .472	19900	.25834	00553	00031	.00232

.02663

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(CA-8) K3V9.1.2TS6

F015402

(TJF130) ( 07 JUN 76 )

PARAMETRIC DATA

### REFERENCE DATA

SPEF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO BETA = .000 RN/L = 1.090 LREF = 474.8100 IN. YMAP = .0000 IN.YO PREF = 936.6800 IN. ZMAP = 375.0000 IN.ZO IOFB = 6.000 ELEVON = .000 ZMRP = 375.0000 IN.ZO BDFLAP = .000 SCALE = .0405

		RUN NO.	1307 0 RI	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00			
MACH .154 .155 .155 .155 .155 .155 .155 .155	ALPHAW -2.950 -125 2.146 4.205 5.325 8.239 10.257 12.437 14.248 16.389 16.438 18.418 20.444 22.427 24.447 26.717 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .01000 .01000 .01000 .01000 .01000	Q(PSF) 34.93757 35.03954 35.06954 35.09100 35.10489 35.16405 35.15664 35.23758 35.40257 35.90124 35.90388 35.95381 36.07511	ALPHAO .58996 3.65839 5.68074 7.73479 9.84170 11.74565 13.75553 15.93741 17.74077 19.89697 21.95663 23.99113 26.00191 28.07452 30.39200 .99709	CL .06820 .14363 .19621 .25022 .32046 .37553 .43067 .48850 .52789 .54895 .55270 .53603 .51436 .48573 .45320	CD .06113 .05988 .06218 .06802 .07847 .09213 .11011 .13424 .15643 .17917 .19719 .20947 .21803 .22186 .22726	CLM .03924 .04640 .05105 .05547 .06506 .07926 .37313 .09104 .10276 .11929 .13606 .16026 .16765 .22466 .26343	CY00772010630135500982009860109400911008360109501094007210050100428003332	CLN .00056 .00045 .00046 .00056 .00056 .00081 .00093 .00127 .00143 .00056 .00056 .00056 .00056 .00056	CSL .00020 .00018 00057 00019 .00011 .00024 00036 00053 00053 00053 00053 00053 00053	

DATE 06 JUL 76

### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3V9.1.2TS6H15.6.1F0TS402

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F	₹E	F	Ε	R	Е	١	IC	F	n	Α	Т	A	

PARAMETRIC	DATA		
.000	RN/I	£	1 00

(TJF131) ( 07 JUN 76 )

SB	EF = 2690.0000	50 57					PARAMETRI	UATA	
LR BR	EF = 474.8100	IN. YMRP IN. ZMRP	= 1109.0000 = .0000 = 375.0000	IN.YO		BETA STAB 10RB BDFLAP	000 4.000 - 6.000	RN/L = ELEVTR = ELEVON =	1.090
		RUN NO.	1317 D R	N/I = 00	COADIENT INCOME.				

		RON NO.	121/ U B	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH .155 .155 .155 .155 .155 .155 .155 .15	ALPHAW -2.852 2.160 4.284 6.385 8.172 10.363 14.391 16.343 16.343 18.449 20.499 24.494 26.740 3PAD:ENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0 (PSF) 35.43724 35.14443 35.03498 35.11201 35.12982 35.21428 35.25736 35.36139 35.43551 35.60433 35.60433 35.80883 35.8089 35.8089	ALPHAC .71743 3.78390 5.71019 7.82453 9.91708 11.68977 13.83503 15.71393 17.89281 19.85124 21.96928 24.03394 26.04108 28.19556 30.38746	CL .05290 .14252 .19598 .25592 .31749 .37562 .43568 .48384 .52638 .54705 .55014 .53604 .51435 .48564 .4890 .02704	CD .06018 .05942 .06177 .0679! .07658 .C9204 .11165 .13262 .15847 .17937 .19823 .21187 .26355 .26735 .00102	CLM .04058 .04828 .05286 .05825 .067207 .08213 .09272 .10543 .12018 .14218 .16274 .19203 .22582 .26839 .00247	CY007150073701013008760093500857007610053500617004360027570025700257	CLN .00051 .00032 .00038 .00059 .00056 .00056 .00056 .00056 .00056 .00056 .00091 .00091 .00091	CSL . 98870 . 00025 . 00032 . 00037 . 00033 . 00049 . 00003 . 00000 . 00001 - 00033 . 00023 . 00065 . 00161 . 00287

(CA-8) K3V9.1.2TS6H15.6.1F0TS402

(TUF132) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

	어느님들이 가는 이 살이 살아 있다.	BETA	.000 RN/L = 1.090
SREF = 2690.0000 SQ.FT. XMRP	= 1109,0000 IN.XO	STAB	.000 ELEVIR = .000
LREF = 474.8100 IN. YMRP	= ,0000 IN.YO	ICRB	6.000 ELEVON = .000
BREF = 936.6800 IN. ZMRP	= 375.0000 IN.ZO	BDFLAP	그 사이에 가득하로 크로 되는 그 그 그 때에 다 가게 하는 것으로 되었다.
SCALE = .0405		DD: 57"	

		RUN NO.	1327 O RM	1/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH - 154 - 155 - 155 - 155 - 155 - 155 - 155 - 156 - 156 - 156 - 158	ALPHAW -2.837 .236 2.160 4.185 6.235 10.438 12.356 14.548 16.387 16.387 20.479 22.435 24.435 24.435 24.435 24.435	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 34.83769 34.87543 35.05965 35.07466 35.10316 35.18710 35.18612 35.31018 35.44974 35.58443 35.58631 35.58631 35.60244 36.39449 .03837	ALPHAO .72329 3.77803 5.69743 7.71606 9.75246 11.73966 13.93266 15.85612 18.05299 19.88450 21.93977 24.01253 26.00191 28.01691 30.35572 .99589	CL .0675! .14093 .19398 .2574! .31635 .37432 .43987 .48538 .53319 .55086 .55209 .53563 .51516 .48610 .44731	CO .06141 .06069 .06321 .06916 .07945 .09370 .11414 .1354 .16213 .18185 .19985 .21181 .22105 .22628 .22706 .00104	CLM .04023 .04741 .05243 .05741 .06356 .07100 .08227 .09196 .10686 .12201 .14009 .16325 .19058 .22315 .26337	CY0088301040009140102901045009160096200818011150113100868007720009100015	CLN .00037 .00035 .0029 .00034 .00035 .00052 .00049 .00094 .00136 .00092 .00124 .00116 .00085 .00024	CSL .00066 .00032 .00050 .00051 .00018 .00009 .00045 00075 00075 00014 .00091 .000166 .00234 00000

#### (CA-8) K2.1TS7HI5.6.1F30TS40165.3.5

(TJF133) 1 07 JUN 76

PARAMETRIC DATA

#### REFERENCE DATA

AI PHAW = 4.192 RN	/L = 1.090
SREF # 2690,0000 SO.FT XMRP # 1109,0000 IN.XV	EVTR = .000
LREF = 474.8100 IN. YMRP = .0000 IN. YO	EVON = .000
BREF = 935.6800 IN. ZMRP = 375.0000 IN.20	
화 <b>SCALE</b> '통과 에서는 <b>-0405</b> 이동 영화 전문과 살림을 하는 것 같습니다. 그는 사람들이 그렇게 하는 것을 하는 것 같습니다. 그는 사람들이 다른 나를 하는 것이다.	
RUN NO. 133/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00	

for the property of the contract of the contra			and the state of the second second second second			
				A		CC1
	0.000	AL DUMO CI	CD CD		LLN	USL
MACH SP	ALPHAN G(PSF)	ALPHAO CL		CLII	00.55	00700
		4.87233102	7600477	.06816 .00405	.00155	.00366
.155 11.332	÷.:9185 ₹5.18822	4.87233102	7000717			00210
			8000615	.0710500280	.00157	.00219
.155 13.925	4.15325 35.06847	4.85762127	-,00013			00.00
				00000	00:05	00186

MACH 6P ALPHAN .155 11.332 4.19185 .155 13.925 4.15325 .155 22.952 4.13707 .155 39.042 4.09565 .155 53.928 4.13777 GRADIENT .00000	\$\\ \frac{4}{3}\).18822  \qquad	1278000615 1707300825 1920300822 2018100910	CLM CY .05816 .00405 .0710500280 .0784200628 .0834600763 .0851601035 .00000 .00000	CLN CSL BETA .00155 .00366 .00000 .00157 .00219 .00000 .00105 .00186 .00000 .00007 .00155 .00000 .00036 .00109 .00000 .00000 .00000 .00000
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## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8)	K2.1TS7H1	5.6.1F301	TS40165.3.5

## ( 07 JUN 76 )

									CTJF1.	34) ( D7 J(	JN 76 )
	REFEREN	CE DATA							PARAMETRI	CDATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	. YMRI	0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.216 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	0. 134/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .155 .155 .156 .155 .156	GP 11.341 13.367 22.443 38.382 54.042 GRADIENT	ALPHAW 6.21624 6.19338 6.18165 6.16774 6.14574 .00000	0(PSF) 35.01813 35.05590 35.41465 35.12793 35.29788 .00000	ALPHAO 6.90541 6.90147 6.89065 6.85522 6.80209	CL 02685 04193 09641 13083 14504 .00000	CD 00444 00593 01042 01245 01324 .00000	CLM .06965 .07259 .08224 .08951 .09126 .00000	CY .00079 00065 00300 01013 01045 .00000	CLN .0111 .00109 .0084 .00000 .00031	CSL .00391 .00376 .00270 .00101 .00108 .00000	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	3) K2.1TS7	H15.6.1F30TS	40165 7 S					
	REFERENC	E DATA				.0103.3.3			CTJF13	5) ( 07 JU	N 76 )
									PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FI XMRP YMRP ZMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = ICRB = BDFLAP =	8.254 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 135/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .155 .155 .156	GP 11.339 14.405 22.849 38.435 54.004 75.215 GRADIENT	ALPHAW 8.25361 8.22244 8.22957 8.22687 8.21721 8.23160 .00000	Q(PSF) 35.11375 35.10108 35.10705 35.19736 35.04849 35.32599 .00000	ALPHA0 8.93456 8.92665 8.92663 8.90687 8.86534 8.83369	CL .06599 .02238 02335 06932 08372 08914 .00000	CD .00203 00350 00876 01303 01465 01514 .00000	CLM .07022 .07549 .08640 .09367 .09652 .09758	CY .00382 00088 00621 00979 00918 00861	CLN .00046 .00079 .00069 00015 .00019	CSL .00431 .00321 .00187 .00148 .00130 .00124	BETA .00000 .00000 .00000 .00000 .00000

#### (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(TJF136) ( 07 JUN 76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. ,0405	T XMRF YMRF ZMRF	,0	000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	.219 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	020. 000. 000.
		RUN NO	136/ 0	RN/L =	.00 GRAD	DIENT INTERV	'AL = -5.0	00/ 5.00			
MACH .155 .155 .156 .156 .155	GP 11.279 16.532 25.694 31.247 33.690 GRADIENT	ALPHAW .21949 .16830 .12853 .09381 .06550 .00000	0(PSF) 35.21041 35.18865 35.36162 35.44832 35.01311 .00000	ALPHAO .87715 .85077 .80486 .76334 .73013	CL 24861 26867 29220 29284 29653 .00000	CD .00840 .08400 .08400 .00000 .00000	CLM .06208 .06705 .06953 .07089 .07055 .00000	CY .00874 .00443 00121 00533 00604 .00000	CLN .03208 .00223 .00143 .00082 .00045	CSL .00395 .00306 .00271 .00178 .00168 .00000	BETA .00000 .00000 .00000 .00000 .00000
	역사 등학 등 등 회사 등 하는 사람이 일을 하는 것		The same of the same of the same of			and the second of the second o					the second of th
			(CA-	8) K2.1TS7H	115.6.1F30TS	10165.3.5			(TJF13	7) (07 JL	JN 76 )
	REFERENCE	DATA	(CA-	8) K2.  57	115.6.1F30TS	10165.3.5			(TJF13		JN 76 )
SREF = LREF = BREF = SCALE =	REFERENCE 2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405		= 1109.0 = .0	8) K2.1T57H 000 IN.XO 000 IN.YO 000 IN.ZO	415.6.1F30TS	10165.3.5		ALPHAW = STAB = IORB = BDFLAP =			1.090 .000 .000
LREF = BREF =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN.	T XMRP YMRP	= 1109.0 = .0 = 375.0	000 IN.XO 000 IN.YO		10165.3.5 DIENT INTERV	AL = -5.0	STAB = 10RB = BDFLAP =	PARAMETRIC 2.234 -2.000 3.000	DATA  RN/L = ELEVTR =	1.090 .000

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### (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

(TJF128) ( 07 JUN 76 )

	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE ±	2590.0000 SQ.FT XMRI 474.8100 IN. YMRI 936.6800 IN. ZMRI .0405	= .0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	10.169 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	000. 000.
	RUN N	0. 138/ 0 RN/L =	.00 GRA	DIENT INTERV	/AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .156 .155	18.824 10.15363 36.553 10.17071 50.642 10.18495	0(PSF) ALPHA0 35.01081 10.87074 35.23408 10.87671 34.95656 10.85676 35.45073 10.85482 35.18889 10.71358 .00000 .00000	CL .10383 .04909 00765 01835 02859 .00000	CD .C0565 00105 00849 00978 01163 .00000	CLM .07673 .08838 .09819 .10114 .10344 .00000	CY .00168 00151 00402 00619 00480 .00000	CLN .00012 .00037 00014 .00033 .00022	CSL .00497 .66282 .00152 .00142 .00120 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K2.1TS7	415.6.1F30TS	40165.3.5			ITJF13	9) (07 JUN	1 76
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	" = .0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	12.226 -2.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
	RUN NO	. 139/ 0 RN/L =	.00 GRA	DIENT INTERY	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155	37.097 i <i>2.22</i> 627	Q(PSF) ALPHAO 35.07877 12.91996 35.19298 12.92397 35.14890 12.90993 35.17632 12.83575 .00000 .00000	CL .12509 .06548 .05234 .04455 .00000	CD .01033 .00052 00140 00318 .00000	CLM .09204 .10355 .10654 .10996 .00000	CY 00230 00514 00593 00493 .00000	.00004 00023 .00020 .00020	CSL .00306 .00212 .00199 .00139 .00000	BETA .00000 .00000 .00000 .00000

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BETA

.00000

.00000

.00000

(TUF140) ( 07 JUN 76 )

CSL

80500.

.C0114

.00000

CLN

.00021

.00084

.00000

MACH

. 155

. 155

48.508

92.472

GRADIENT

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RN/L =

16.95847

16.90126

ALPHAO

.00000

.00

CL

.20974

.20308

.00000

FUN NO. 141/ 0

Q(PSF)

34.95303

35.21064

.00000

**ALPHAN** 

.00000

16.29716

16.37441

(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

PARAMETRIC DATA REFERENCE DATA 1.090 SREF = 2690.0000 SQ.FT XMNP = 1109.0000 IN.XOALPHAW = 14.293 RN/L = LREF = 474.8100 IN. YMRP = .0000 IN.YO STAB = ELEVTR = .000 -2.000 BREF = 936,6800 IN. ZMRP = 375.0000 IN.ZO LORB 3.000 ELEVON = .ooc SCALE = .0405 BDFLAP = -11.700 RUN NO. 1407 D RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) , CY CSL BETA ALPHAO CL CD : CLM CLN .00214 .00000 .155 35.857 14.29304 .14882 .01744 -.0201735,14970 14.97617 .10994 -.00457 , 155 .13215 .01425 -.00439 .00155 .00000 51.003 14.29935 35.09772 14.97010 .11359 .00019 .156 93,990 14.35781 35.30638 14.88515 .12660 .01196 .11723 -.00718 .00056 .00122 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 (TJF141) ( 07 JUN 75 ) (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5 REFERENCE DATA PARAMETRIC DATA XMPP = 1109.0000 IN.XO RN/L = 1.090SPEF = 2690.0000 SQ.FT ALPHAW = 16.297 .000 LREF = YMRP = -2.000 ELEVTR = 474.8100 IN. .0000 IN.YO STAB = ELEVON = BRFF = 936.6800 IN. ZMPP = 375.0000 IN.ZO 1008 = 3.000 .000 SCALE = .0405 BOFLAP = -11.700

CD

.03437

.03197

.00000

GRADIENT INTERVAL = -5.00/ 5.00

CLM

.12065

.12393

.00000

CY

-.00375

-.00797

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		TS401G5.	

(TJF142) ( 07 JUN 76 )

	REFERENC	E DATA							PARAMETRIO	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405		0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.177 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090
		RUN NO	. 142/ 0	RN/L ≖	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP 11.279 19.079 24.798 30.687 33.036 GRADIENT	ALPHAW .17651 .11625 .08745 .04681 .02045 .00000	0(PSF) 34.90778 35.19737 35.23482 35.18934 35.17625 .00000	ALPHAO .92879 .79507 .76090 .71792 .68666 .00000	CL 25103 27551 29174 29505 30049 .00000	CD .03832 .00865 .00895 .00963 .00979	CLM .06360 .06655 .06938 .07100 .07069 .00000	CY .00551 .00127 00173 00693 00541 .00000	CLN .02259 .00165 .00140 .00091 .00073 .00000	CSL .00335 .00335 .00215 .00161 .00155 .00000	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8! Ke.:T57H	115.6.1F30TS	+01G5.3.5			11JF14	3) (07 JL	N 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 935.6800 IN. .0405	FI XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	2.154 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 143/ 0	RN/L =	.00 GRAD	DIENT INTER	/AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .155 .156	GP 11.310 14.060 23.513 40.843 43.274 GRADIENT	ALPHAW 2.16362 2.13166 2.10290 2.02323 2.14910 .00000	0(PSF) 35.06516 35.04297 35.05560 35.20977 35.33516 .00000	ALPHA0 2.84505 2.82646 2.79321 2.69933 2.81815 .00000	CL 18043 19851 22727 25131 25049 .00000	CD .00031 00072 00052 00060 00122 .00000	CLM .06757 .06869 .07495 .07769 .07813 .00000	CY .00567 00014 00353 00723 00801 .00000	CLN .00243 .00129 .00125 .00034 .00076	CSL .03296 .00255 .00183 .00126 .00120	BETA .00000 .00000 .00000 .00000

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(CA-B) K2.1TS7H15.6.1F30TS401G5.3.5

PARAMETRIC DATA

(TUF144) ( 07 JUN 76 )

				n		

SREF = 2690.0000 SQ.FT XMRP	1109.0000	IN.XO	ALPHAW = 4.247	RN/L = 1.090
LREF = 474.8100 IN, YMRP		I IN, YO	STAB = -4.000	ELEVTR = .000 FLEVON = .000
그 프리스트 한 마음을 보고 있는 것은 모든 모든 만든 게임이 되는 것이 되었다. 그는 그를 보면 없어요? 그는 것으로	375.0000	1 1N.ZO	10RB = 3.000	ELEVON = .000
SCALE ≒ .0405			BDFLAF = -11.700	

### RUN NO. 144/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW GIPSF)	ALPHAO CL	CD CLM	CY CLN	CSL	BETA .00000
.155 11.332 4.24713 35.06009 .155 14.896 4.21664 35.08205	4,9341011495 4,9252812946	00461 .0677 00538 .0731		.00357 .00278	.00000
.155 22.930 4.20207 35.09516	4.9027316663	00740 .0776	W	.00271 .00104	.00000
.155	4.8497819213 4.8321320211	00829 .0834 00872 .0847	500778 .00059	.00131	.00000
GRADIENT .00000 .00000	00000. 00000.	.0000 .0000	00000 .00000	.00000	.00000

#### (CA-81 K2.1157H15.6.1F30TS40165.3.5

#### (TJF145) ( 07 JUN 76 )

PARAMETRIC DATA

그렇게 하는 사고 가게 이 보였다. 사고를 보이 되는 사람은 이 사람이 하는 것 같은 것은			1 000
SREF = 2690.0000 SQ.FT XMRP =	1109.0000 IN.XO	ALPHAW = 6.166 RN/L =	1.090
		STAB = -4.000 ELEVTR =	.000
LREF = 474.8100 IN. YMRP =	.0000 IN.YO		
BREF = 936.5800 IN. ZMRP =	375.0000 IN.ZO	!ORB = 3.900 ELEVON =	.000
BREF = 930.0000 IN. 4: INC -	373.0000 111.20		
SCALE = .0405		BDFLAP = +11.700	

### RUN NO. 145/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

	(PSF) ALPHAO CL CD	CLM CY 5 06998 -00327	CLN CSL .00107 .00360	BEIA .00000
	.11095		.00082 .0034)	.00000
그 살이 그 가게 좀 풀다는 그리고 있는 그렇게 가지 하지만 하고 있었다. 뭐 하지 않아 지 그는 사이를 모였다.	19148 6.84440101480101	7 .0816000239	.00123 .00259	.00000
보세요. 그리트 프로젝트 사고 그는 그를 하지 않는 것이 되는 것은 그는 이번 그리고 없는 것이다. 그는 것이다. 그	35881 6.81095133930118		.00017 .00182 .00010 .00114	00000.
	.38103		.00000 .00000	.00000

( 07 JUN 75 ) (TJF 146) (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 8.099 RN/L ALPHAW = 1109.0000 IN.XO XMRP = SREF 2690.0000 SQ.FT **±** ELEVIR = .000 STAB -4.000 YMRP .0000 IN.YO 474.8100 IN. = LREF = .000 ELEVON = 3.000 1088 375.0000 IN.ZO ZMRP BREF = 936.6800 IN. -11.700BDFLAP = SCALE = .0405 GRADIENT INTERVAL = -5.00/ 5.00 .00 RUN NO. 146/ D RN/L =BETA CLN CSL CLM CY CL CD **ALPHAO** Q(PSF) ALPHAM MACH .00000 .00389 .00257 00106 .00030 .05906 .04232 35.17593 8.78624 . 155 11.340 8.09895 .00000 .00401 .00094 .07226 .00307 -.00119 8.78228 .03287 35.05843 .155 12,252 8.06892 .00000 .00260 -.00334 .00047 .08344 -.00901 -.03511 8.06474 34.95012 8,77437 . 155 21,480 .00000 -.01258 -.01372 .00002 .00131 -.00629 .09182 8.76053 -.07682 8.05995 35.29380 . 156 37.454 .00000 .00:32 -.00663 .00034 8.72692 -.08543 .09544 8.06359 35.28043 . 156 52.908 .00000 -.00758 .00019 .00124 .09724 -.01491 8.84556 -.09076 8.22981 35.41816 .156 74.113 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 (TJF 147) r 07 JUN 76 1 (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 RN/L 10.174 ALPHAH = XMRP = 1109.0000 IN.XO 2590.0000 SO.FT ELEVIR = .000 -4.000 STAB · = .0000 IN.YO YMRP = +74.8100 IN. LREF ELEVON = .000 3.000 **IORB** ZMRP = 375.0000 IN.ZO BREF = 936.6800 IN. BDFLAP = -11.700SCALE = .0405 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 147/ 0 RN/L = .00 CSL BETA CLN CY CD CLM ALPHAO CL OIPSE1 MACH GP ALPHAW .00009 .00458 .00366 .00041 .07138 10.85278 .13283 .01113 .155 10.17355 35.10087 11.327 .00000 .00312 .00080 .00046

.09607

.04952

-.00590

-.01991

-.03015

.00000

10.86278

10.86676

10.85079

10.83891

10.74143

.00000

35.10377

35.05951

35,20797

35.23365

35.23584

.00000

.00536

-.00156

-.00855

-.01056

-.01225

.00000

.07747

.08857

.09841

.10199

.10314

.00000

.00085

-.00448

-.00672

-.00680

.00000

.00005

-.00015

.00030

.00010

.00000

CA+B - FORCE SOURCE DATA TABULATION

DATE 06 JUL 76

14.393

21.308

37.805

53.033

80.764

GRADIENT

10.14802

10.15182

10.16535

10.17807

10.15108

.00000

. 155

. 155

. 155

. 155

.155

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.00000

.00000

.00000

.00000

.00000

.00309

.00180

.00171

.00151

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### (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(TJF148) ( 07 JUN 76 )

		(CA-0) VE:1131	H13.0.11301.	340103.3.3					
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6300 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	12.110 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO	. 148/ 0 RN/L =	.00 GR	ADIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .156 .156	39.905 12.15808 55.237 12.19268	Q(PSF)         ALPHAO           35.05740         12.80168           34.99497         12.85179           35.36991         12.84979           35.31312         12.78966           .00000         .00000	CL .15425 .07057 .05494 .04646 .00000	CD .01471 .00130 00131 00283 .00000	CLM .08812 .10348 .10788 .10969 .00000	CY 00045 00514 00689 00687 .00000	CLN 00002 00005 .00018 .00022 .00000	CSL .00359 .00209 .00188 .00164 .00000	BETA .00000 .00000 .00000 .00000
		(CA-8) K2.1TS7	H15.6.1F30T	540165.3.5			(TJF14	9) (07 JU	N 76 ;
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.5800 IN. ZMRF .0405	0000 IN.YO			. (1) 15 (15) 보고 10 (15) 15 1 전 25 (15) 15	ALPHAW = STAB = IOPB = BCFLAP =	14.219 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO	). 149/ G RN/L =	.00 GR	ADIENT INTERV	AL = -5.0	0/ 5.00			
MACH - 155 - 155 - 155 - 155	44.643 14.22106 59.692 14.25040	0(PSF) ALPHA0 35.16693 14.90537 34.98388 14.90537 35.00977 14.89930 35.22645 14.85481 ,00000 .00000	CL .16784 .14459 .12960 .12457 .00000	CD .02067 .01596 .01331 .01127 .00000	CLM .10402 .10935 .11359 .11667 .00000	CY 00553 00509 00683 01067 .00000	CLN .00009 00015 .00029 .00047 .00000	CSL .00283 .00191 .00194 .00139 .00000	BETA .00000 .00000 .00000 .00000

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#### (CA-8) K2.1TS7H15.5.1F30TS40165.3.5

(TJF150) ( 07 JUN 76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF # LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRF YMRF ZMRF	) = 1   1   1   1   1   1   1   1   1   1	0000 IN.X0 0000 IN.Y0 0000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	16.235 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	000 .000 .000
	RUN NO. 150/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00										
MACH .155 .155		ALPHAW 6.23541 6.29695 .00000	0(PSF) 35.08642 35.23223 .00000	ALPHA0 16.90535 16.87267 .00000	CL .21095 .19910 .00000	CD .03377 .03062 .00000	CLM .12042 .12342 .00000	CY 00761 00854 .00000	CLN .00052 .00059 .00000	CSL .00157 .00145 .00000	BETA .00000 .00000 .00000
	(CA-8) K2.1TS7H15.5.1F30TS401G5.3.5										
	REFERENCE	DATA							PARAMETRIC	ΠΑΤΑ	
	REFERENCE	. DATA							LAWRIT HATE	Unin	
SREF = LREF = BREF = SCALE =	2690.0000 SO.F 474.8100 IN. 936.6800 IN.		· · · · · · · · · · · · · · · · · · ·	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.159	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
LREF = BREF =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN.	T XMRF YMRF	= = 375.	0000 IN.YO	.00 GRA	DIENT INTER	/AL = -5.0	STAB = IORB = BDFLAP =	.159 -6.000 3.000	RN/L = ELEVTR =	.000

#### (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(TJF152) ( 07 JUN 76 )

REFERENCE DA	TA
--------------	----

#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 935.6800 IN. .0405	T XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.158 -6.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO. 152/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00										
MACH .155 .155 .155 .154 .154	15.602 4 22.295 4 38.181 4	ALPHAW 4.15784 4.14850 4.13494 4.09079 4.13800 .00000	Q(PSF) 35.19555 35.17328 35.07194 34.76336 35.33758 .00000	ALPHA0 4.84782 4.85762 4.83802 4.77724 4.80566 .00000	CL 10815 14381 17365 19737 20472 .00000	CD 00420 00558 00764 00958 00930 .00000	CLM .06909 .07376 .07807 .08277 .38557 .00000	CY .00856 .00168 00233 00716 00684 .00000	CLN .03143 .00147 .00108 .00005 .00047	CSL .00349 .00307 .00277 .00126 .00134 .00000	BETA .00000 .00000 .00000 .00000 .00000
			tCA+	81 K2.1157H	415.6.1F30TS	40165.3.5			(TJF15	53) t 07 JUN	176 )
	REFERENCE	DATA							PARAMETRIC	DATA	
CDEE											
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F1 474.8100 IN. 936.6800 IN. -0405	T XMRP YMRP ZMRP	= .0	000 IN.X0 000 IN.Y0 000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	8.110 -6.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
LREF = BREF =	474.8100 IN. 936.6800 IN.	YMRP	= .0 = 375.0	000 IN.YO	.00 GRAI	DIENT INTERV	/AL = -5.0	STAB = IORB = BDFLAP =	-6.000 3.000	ELEVTR =	.000

(TJF15	1) ( 07 JUN '	76
ARAMETRIC	DATA	
6.239 -6.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
CLN .00130 .00119 .00076 .00031 .00027 .00000	CSL .00302 .00344 .00255 .00134 .00122 .00136 .00000	.00000
CTUF15	55) ( 07 JUN	76
PARAMETRIC	DATA	
10.147 -6.000 3.000	RN/L = ELEVIR = ELEVON =	1.090 .000 .000

PARAMETRIC

PAGE 775

CA-8 - FORCE SOURCE DATA TABULATION DATE 05 JUL 76

YCA-91 K2 1797415 6 1F307540165.3.5

The contraction of the contracti			
현실적은 호통을 보면 살아도 아니라 이렇게 아무지 아니는 아이지는 아이가 되었다. 눈함이 나는		PARAMETRIC	DA
REFERENCE DATA			
	HALL :	<b>=</b> 6.239	RN

SREF = 2690.0000 S LREF = 474.8100 I BREF = 935.6800 I	N. YMRP = .00	00 IN.XO 00 IN.YO 00 IN.ZO			STAB = IORB = BDFLAP =		ELEVIR = ELEVON =	.000
SCALE = .0405	RUN NO. 154/ 0	RN/L = .00	GRADIENT INTER	.VAL = -5.00	o/ 5.00		CCI	BETA
MACH GP .155   11.341	ALPHAN 0(PSF) 6.23911 34.99467		CD 0337000422 0529000646	CLM .07007 .07297	CY .00584 .00190	.00130 .00119	CSL .00302 .00344	.0000

35.00734 .00076 . 155 13.476 6.20456 .08300 .00189 -.00974 -.09704 6.90639 35.26486 .00015 22.088 5.19780 -.00611 . 155 -.01228 .08963 -.13103 6.87195 35.28044 . 155 6.17903 -.00599 .00031 38.011 -.01364 .09044 -.15116 6.80799 35,29511 6.14584 .00027 -.00752 53.649 . 155 -.01383 .09144 -.14517 6.83358 35,23262 6.19336 .00000 .00000 64.143 .155 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT

LTJF 155 ICA-81 K2.1757H15.6.1F301540165.3.5

#### REFERENCE DATA

	XMPP = 1109.0000 YMRP = .0000	IN.YO		ALPHAW = STAB = 1CRB =	-6.000 -3.000	ELEVIR = ELEVON =	000
BREF = 936.6800 IN. SCALE = .0405	ZMRP = 375.0000	IN.20		BOFLAP =	-11.700		

	RUN NO. 155/ 0	RN/L =	.00 GR/	DIENT INTER	RVAL = -5.0	0/ 5.00			
MACH GP .155 11.327 .155 12.139 .155 20.985 .155 37.404 .156 52.960 .155 83.920 .6RADIENE	ALPHAW 0(PSF) 10.14658 35.11060 10.12806 35.00265 10.12818 35.03809 10.14368 35.17783 10.15570 35.45140 10.27881 35.17336 .00000 .00000	ALPHAO 10.84687 10.84488 10.84687 10.84690 10.82899 10.87472 .00000	CL . 13263 . 12269 . 05036 - 09773 02052 02369 . 00000	CD .01108 .0004 00132 00911 01081 01183 .00000	CLM .07282 .07406 .08892 .09824 .10133 .10411	CY .00169 .00312 00253 00542 00623 00874 .0000	CLN .00046 .00017 .00033 .00001 .00020 .00018 .00000	CSL .05415 .00438 .00302 .00145 .00177 .00124 .00000	.0000 .0000 .0000 .0000 .0000 .0000 .0000

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2.1TS7H15.6.1F30TS40165.3.5

### PARAMETRIC DATA

(TJF156) ( 07 JUN 76 )

							PARAME INTO	DATA	
SREF = LREF = BREF = SCALE =	REFERENCE DATA 2690.0000 50.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0				ALPHAW = STAB = 10RB = BDFLAP =	12.148 -6.000 3.000 -11.700	RN/L # ELEVIR = ELEVON =	1.090 .000 .000
	RUN NO	. 156/ 0 RN/L =	.00 GRAD	IENT INTERV	NL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .156	GP ALPHAW 20.564 12.14840 23.591 12.13496 39.923 12.15903 55.260 12.18179 85.711 12.27088 GRADIENT .00000	0(PSF) ALPHA0 35.15596 12.83976 35.20209 12.84979 34.91826 12.84979 35.05161 12.83776 35.34460 12.83976 .00000 .00000	CL .14029 .12747 .06524 .05264 .04890 .00000	CD .01238 .01014 .00022 00163 00314 .00000	CLM .08701 .09195 .10344 .10721 .11035	CY 00:46 00081 00570 00794 00885 .00000	CLN 03016 .00017 00018 .00024 .00018 .00000	CSL .00325 .00260 .00161 .00157 .00148 .00000	BETA .00000 .00000 .00000 .00000 .00000
			57075	.01CE 7 5			(TJF.15	17) t 07 JU	N 76 J
		(CA-8) K2.1TS7	F 3015	10165.3.5			PARAMETRIC	DATA .	
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	0000 IN.YO				ALPHAW = ICRB = BDFLAP =	.235 3.000 -11.700	RN/L = ELEVON =	1.090
	RUN NO	). 157/ D RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	00/ 5.00			
MACH 155 155 155 155	GP ALPHAW 11.279 .23476 13.372 .19344 20.141 .15945 31.543 .09040	2(PSF) ALPHA0 35.09581 .87764 35.26798 .86054 35.23802 .82293 34.96823 .74625 35.33694 .71890 .00000 .00000	CL 24053 25567 27326 26859 29283 .00000	CD .00831 .00843 .00960 .01032 .01068 .00000	CLM .06515 .06511 .06894 .07168 .07158	CY .00384 .00072 00019 09536 00745 .00000	CLN .0C224 .00170 .90177 .90111 .00055 .00000	CSL .00337 .00342 .00312 .00168 .00130 .00000	BETA .05000 .00000 .00000 .00000 .00000

		FORCE SOURCE DATA TAE	ULATION			PAGE	777
DATE 06 .		(CA-8) K2.1TS7			,TJF158	1 ( 07 JUN	76 )
	REFERENCE DATA				PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		ALPHAW = 10RB = BDFLAP =		RN/L ≠ ELEVON =	1.090
	RUN NO.	158/ 0 RN/L =	.00 GRADIENT INTERVAL = -	5.00/ 5.00			
MACH .155 .155 .155 .155	GP ALPHAW 11.332 4.20037 14.509 4.17077 23.175 4.13768 39.402 4.09878 54.341 4.26567 GRADIENT .00000	Q(PSF) ALPHA0 35.22014 4.87919 35.21191 4.86351 35.10148 4.83017 34.97053 4.77331 35.08577 4.91743 .00000 .00000	CL CD CLM1047300381 .06901328100580 .07251686200676 .07821898400724 .08381995800834 .0858 .00000 .00000 .0000	5 .00008 900584 000855 101087	CLN .00163 .00123 .00102 .00033 .00044 .00000	CSL .00343 .00570 .00215 .00177 .00121 .00000	BETA .00005 .00009 .00009 .00000
	실하는 사람들이 있는 것이다. 물건 이 전체를 가내면 하일이 되어?	(CA-8) K2.1TS7	F30T5401G5.3.5		(TJF159	a) ( 97 JUN	1 76 1
	REFERENCE DATA				PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		ALPHAW = 10RB = BDFLAP =	6.165 3.000 -11.700	RN/L = ELEVON =	1.090 .000
	RUN NO	. 159/ 0 RN/L =	.00 GRADIENT INTERVAL = -	5.00/ 5.00			
MACH . 156 . 155 . 156 . 156	13.291 6.13590 22.253 6.11054 38.214 6.17549	Q(PSF: ALPHAO 35.42024 6.84637 35.12716 6.83653 35.08977 6.80701 35.21648 6.86310 35.23567 6.88474 .00000 .00000	CL CD CLM0333500411 .069a0505400604 .07231051300990 .08151265901121 .08661420201237 .0915 .00000 .00000 .0000	5000097 5600579 5500806 9901129	CLN .00108 .00093 .00087 00029 .00015	CSL .03414 .00381 .00283 .00190 .00166 .00000	BETA .000CG .00CG .00CG .00CG .00CG .00CG

# REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

(TUF160) ( 07 JUN 76 )

CA-8 - FORCE SOURCE DATA TABULATION

		(CA-8) K2.1TS7	F30T54	0165.3.5			(TJF16	1) ( 07 JUI	N /6 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP = 474.8100 IN. YMRP = 936.6800 IN. ZMRP = ,0405					ALPHAW = 10RB = BDFLAP =	8.112 3.000 -11.700	RN/L = ELEVON =	1.090
	RUN NO.	160/ 0 RN/L =	.00 GRAD	IENT INTERVA	\L = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155	11.340 8.11229 35 14.348 8.08255 35 22.148 8.07125 35 37.763 8.05082 35 53.472 3.19533 35 74.459 8.25989 35	0(PSF) ALPHAO 5.19042 8.79512 5.00940 8.78426 5.06432 8.77240 5.13291 8.73879 5.20936 8.85149 5.22453 8.86534 .00000 .00000	CL .01481 .01425 03386 07058 07831 08340 .00000	CD .00025 00359 00876 01158 01284 01342 .00000	CLM .07070 .07490 .08494 .09273 .09602 .69720 .00000	CY 00042 00344 00427 00790 01164 01019	CLN .00115 .00078 .00077 00002 .00038 .00018	CSL .00347 .00350 .00284 .00184 .00067 .00105	BETA .00000 .00000 .00000 .00000 .00000 .00000
		된 네용 하고 없이 바람이라니다					(TJF16	1) ( 07 JL	IN 76 1
		(CA-8) K2.1T57	F30TS <sup>1</sup>	101G5.3.5			LIUPIO	111 (0)00	JIN YOU I
	REFERENCE DATA	(CA-8) K2.1TS7	F30TS	10165.3.5			PARAMETRIC		, , , , , , , , , , , , , , , , , , ,
SREF = LREF = BREF = SCALE =	REFERENCE DATA  2690.0000 SQ.FT XMRP = 474.8100 IN. YMRP = 936.6800 IN. ZMRP = .0405	= 1109.0000 IN.XO = .0000 IN.YO	F30TS <sup>4</sup>	10165.3.5		ALPHAW = 10RB = BDFLAP =			1.090
LREF = BREF =	2690.0000 SQ.FT XMRP = 474.8100 IN. YMRP = 936.6800 IN. ZMRP = .0405	= 1109.0000 IN.X0 = .0000 IN.YO		OIG5.3.5	AL = -5.0	IORB =	PARAMETRIC 10.252 3.000	DATA RN/L =	1.090

PAGE 779 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 ( 07 JUN 75 ) (TJF162) F30TS401G5.3.5 (CA-8) K2.1TS7 PARAMETRIC DATA REFERENCE DATA 1.090 RN/L = 12.237 ALPHAW = .000 XMRP = 1109,0000 IN.XO ELEVON = 3.000 2690.0000 SQ.FT 10RB = YMRP = .0000 IN.YO BDFLAP = -11.700474.8100 IN. LREF 375.0000 IN.ZO ZMRP = 936.5800 IN. BREF .0405 SCALE = .no GRADIENT INTERVAL = -5.00/ 5.00 RN/L = RUN NO. 162/ 0 BETA CLN CY CLM CD .00000 CL ALPHAO .00421 -.G3011 Q(PSF) ALPHAW -.00339 .08864 MACH .01236 .13922 .00290 .00000 12.94001 35.13210 .00030 12.23675 -.00183 20.565 .08832 . 155 .01280 .00000 .14126 .00339 12.93800 35.09565 .00013 -.00377 12.21957 20.769 .09342 .155 .00987 .12336 .00000 .00035 .00035 .00235 35.01272 12.94001 12.22065 -.00661 . 155 23.925 .10226 .00324 .00003 .08011 .00155 12.92798 35.19157 -.00946 12,22736 37.705 .10674 . 155 .00035 .00000 .05796 12.90191 .00155 35.04537 -.01048 .00006 55.389 12.24356 .10927 . 155 -.00226 .04769 .00000 .00000 12.81772 .00000 .00000 35.27031 12.25632 87.973 .00000 . 155 .00000 .00000 .00000 .00000 .00000 GRADIENT (TJF163) ( 07 JUN 76 ) (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA RN/L . 158 ALPHAW = -23.000 ELEVIR = = 1109.0000 IN.XO -4.000 XMPP STAB = SREF = 2690.0000 SO.FT .000 .0000 IN.YO 3.000 ELEVON = YMRP = TORB 474.8100 IN. LREF = 375.0000 IN.ZO -11.700ZMRP = BDFLAP = 936.6800 IN. BREF = .0405 SCALE = GRADIENT INTERVAL = -5.00/ 5.00 .00 RN/L = RUN NO. 163/ 0 BETA CSL CLN CY CLM .00000 CD CL .00342 **ALPHAO** .00243 Q(PSF) .00623 ALPHAW MACH .06513 .00704 -.25603 .00000 .00235 .81658 35.19134 ,00202 .15815 .00464 11.277 .06365 . 155 .00716 -.26965 .00000 .00264 .79998 .00210 .11973 35.21951 .00076 . 155 12.736 .06826

-.28330

-.29573

-.29964

.00000

.77555

.69936

.66957

.00000

35.15007

35.07957

35.03334

.00000

.09501

.02709

.03412

.00000

.155

18.231

30.082

32.515

GRADIENT

.00725

.00808

.00821

.00000

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.00000

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.00202

.00203

.00000

.00111

.00129

.00000

-.00500

-.00544

.00000

.07201

.07128

### (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(TJF164) ( 07 JUN 76 )

				F		

#### PARAMETRIC DATA

LREF = 2590,0000 S LREF = 474.8100 I BREF = 935.6800 I SCALE = .0405	IN. YMRP =	0.0000 IN.XO .0000 IN.YO .0000 IN.ZO			ALPHAW = STAB = 10RB = BOFLAP =	4.201 RN/L -4.000 ELEVTR 3.000 ELEVON -11.700	= 1.090 = -23.000 = .000
MACH GP .156 11.332 .155 13.585 .155 22.259 .155 38.090 .155 53.213 GRADIENT	RUN NO. 164/ 0  ALPHAW Q(PSF) 4.20109 35.41359 4.18061 35.14831 4.15704 35.16990 4.10907 34.99257 4.03795 35.14076 .00000 .00000	ALPHAO CL 4.8968411 4.8860613 4.8674317 4.8056620	CD 59800587 19500716 15700911 11201040 0201112	CLM .06999 .07248 .07981 .08424 .08603 .00000	CY .00550 .00013008810088001232 .00000	CLN CSL .00:51 .003 .00:50 .003 .00:28 .002 .00042 .001 .00061 .000 .00000 .000	346 .00000 217 .00000 59 .00000 98 .00000

#### (CA-8) K2.1TS7H15.6.1F30TS40165.3.5

### (TJF165) ( 07 JUN 76 )

.00181

.00115

.00100

.00000

.00000

.00000

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.00000

#### REFERENCE DATA

6.05926

6.23587

-00000

35,19885

35.20133

.00000

6.80111

6.89655

.00000

62.956

GRADIENT

. 155

#### PARAMETRIC DATA

.00041

.00063

.00026

-00050

-.00866

-.01223

.00000

.09140

.09262

.00000

SREF = 2690.0000 SQ. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = 0000 IN.X0	ALPHAK STAB ICRB BDFLAP	= -4.000 ELEVTR = -23.000 = 3.000 ELEVON = .000
MACH GP .156 11.341 .155 13.419 .155 21.263 .154 36.610 .155 52.404	RUN NO. 1657.0 RN/L = .00  ALPHAW Q(PSF) ALPHAO CL 6.04948 35.45595 6.74798048 6.09146 35.25715 6.81193064 6.07748 35.05504 6.79619108 6.05170 34.76038 6.75487138	.00891 .07482001 11901240 .08294003	CLN CSL BETA 0 .00119 .00408 .00000 19 .00133 .00302 .00000 17 .00122 .00233 .00000

-.01587

-.01542

-.15262

-.15374

PAGE 781 (TJF166) ( 07 JUN 76 ) PARAMETRIC DATA -23.000 .000

PARAMETRIC DATA

CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

#### REFERENCE DATA

DATE 06 JUL 76

#### 8.213 RN/L = 1.090 ALPHAW = XMRP = 1109.0000 IN.X0 -4.000 ELEVTR = SREF = 2690.0000 SQ.FT STAB = LREF = 474.8100 IN. BREF = 936.6800 IN. YMRP = .0000 IN.YO ELEVON = 3.000 IORB = ZMRP = 375.0000 IN.ZO BDFLAP = -11.700 SCALE = .0405

	RUN NO. 166/ 0	RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00	
MACH GP .155 11.340 .155 13.101 .155 21.543 .155 37.420 .155 52.914 .156 74.129 GRADIENT	ALPHAW G(PSF) 8.21285 35.30818 8.18580 35.25655 8.17327 35.15350 8.14550 34.93331 8.11993 34.98894 8.22254 35.36996 .00000 .00000	ALPHAO         CL         CD         CLM         CY         CLN         C9L           8.91676         .04352        00160         .07184         .00258         .00098         .00362           8.90885         .02736        00393         .07518         .00266         .00098         .00434           8.90094        03137        01096         .08780        00173         .00660         .00299           8.85149        07729        01574         .09393        00514         .00052         .00191           8.80008        08804        01676         .09685        00665         .00046         .00165           8.85940        09417        01802         .09850        00904         .00025         .00120           .00000         .00000         .00000         .00000         .00000         .00000         .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

#### (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

## (TJF167) ( 07 JUN 76 )

해보통해 통한 입니다.REFERENCE, DATA 등 하시아 한 문문으로 하는 전 등에 되는 것으로 하는 하는 것으로 모든 것으로 한다는 하나 하는 <mark>이번 보</mark> 게 하는 다시아 되는 것	
就是这一种"你就是我们,我们们就是我们的,我们就是我们的,我们就是我们的,我们就是一个人的,我们就是这个人的,我们也没有一个人的。""我们,我们的,我们的人,我	
RN/L = 10.229 RN/L = 2000 TV VO 10.000 FT STORE STORE AT PHAN = 10.229 RN/L = 2000 TV VO 10.000 FT STORE ST	1.090
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XV	-23.00C
> noce 4 0 0 70 0100 IN YMRP = 100 1000 IN 100 100 100 100 100 100 100 100 100 10	
7MD 7MD 7MD 7MD 7MD 7MD 7MD 7MD 7MD 7MD	.005
BREF = 936.6800 IN. ZMRP = 375,0000 IN.20 BCFLAP = -11.700	

	.0.05				
		RUN NO. 167/ 0	RN/L =	.00 GRADIENT INTERVAL = -5.00/ 5.00	
MACH . 156 . 155 . 155 . 155 . 154 . 156	GP 11.326 13.323 21.155 37.679 52.948 84.569 GRADIENT	ALPHAW 0(PSF) 10.22876 35.32600 10.19795 35.26160 10.19941 35.30647 10.20522 34.92656 10.20911 34.85165 10.29972 35.37028 .00000 .00000	ALPHAO 10.94239 10.93841 10.93841 10.92050 10.69263 10.90855 ,00000	9 .13887 .00988 .07469 .00491 .00040 .00397 .000 1 .10444 .00475 .0786400140 .00041 .00397 .000 1 .0497500358 .09154 .00078 .00044 .00321 .000 00115901219 .1000209715 .00005 .00157 .000 30241201381 .1029500902 .00035 .00130 .000 50289701466 .1051300839 .00005 .00100 .0000	000 000 000 000 000

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CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

(TUF168) ( 07 JUN 76 )

PARAMETRIC DATA

.00000

PARAMETRIC DATA

	DATA	

LREF = 4	90.0000 SQ 74.8100 IN 36.6800 IN .0405	YMRP	375.0	0000 IN.X0 0000 IN.Y0 0000 IN.Z0 RN/L =	.00 GRAL	DIENT INTER	√AL = -5.	ALPHAW = STAB = IORB = BDFLAP =	12.130 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 .000
MACH .154 .155 .155 .155	GP 20.504 23.673 38.947 55.239 87.124	ALPHAW 12.13009 12.12045 12.14106 12.16123 12.27528	Q(PSF) 34.73608 34.94807 35.07509 35.20398 35.17798	ALPHAO 12.84177 12.85780 12.85780 12.84177 12.86983	CL .14600 .13533 .06896 .04860 .04332	CD .01172 .00934 00147 00486 00642	CLM .08891 .09462 .10479 .10836	CY 00041 00036 00611 00742 00986	CLN 00001 0000 00019	CSL -00388 -00355 -00195 -00184 -00170	BETA .00000 .00000 .00000

.00000

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.00000

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

.00000

(TJF169) ( 07 JUN 76 )

.00000

GRADIENT

.00000

.00000

SPFE	: =	2690.0000	50.FT	XMRP	= 11	09.0000	IN.XO			ALPHAW =	. 183	RN/L =	1.090
	• =			YMRP			IN.YO			STAB =	-2.000	ELEVTR =	-23.000
BREF		935.6800	The second of the second	ZMRP		75.0000			1.3.1	10RB -	5.000	ELEVON =	-5.000
	1000	and the second of the second of the second		21114		,,5.0000		efilir kaj li akc		BOFLAP =	-11.700		
JUAL		.0763											

		RUN NO.	169/ 0	RN/L = .	00 GR	ADIENT INTE	RVAL = -5.0	0/ 5.00
	하고 말하는 사람이 하는 그렇다							
1	MACH GP	ALPHAW	O(PSF)	ALPHAO	CL	CD	CLM	CY

IACH GP ALPHAW	Q(PSF) ALPHAO	CL CD	CLM CY	CLN	CSL BETA
.155 11.278 .18293	35.18714 3.93370	17197 .00841	.11974 .00572	.00237	.00300 .00000 .00300 .15800.
.155 13.948 .14914	35,19082 3,92391	18023 .00823	.12245 .00557 .12392 .00260	.00187	.00000 95500.
.155	35.14834 3.89845 35.07576 3.81327	19425 .00884 20887 .00974	.12392 .00260 .1258200343	.00173	.00000
.155	35.09487 3.92489	20643 .00982	.1258800406	.00093	.00035 .00000
GRADIENT .00000	00000 00000	.00000 .00000	.00000 .00000	.00000	.00000 .00000

( 07 JU	N 76 )
<b>TA</b>	
N/L = LEVTR = LEVON =	1.090 -23.000 -5.000
CSL .00175 .00150 .00015 00029 00020	BETA .00000 .00000 .00000 .00000 .00000
( 07 J	UN 76 )
ATA	
RN/L = LEVTR = LEVON =	1.090 -23.000 -5.000

									PAG	E 783
DATE 06 JUL 76	CA-8 -		CE DATA TAE					(TJF170	)) ( 07 JU	N 76 1
		(CA-8	n K3.1TS7H1	15.6.1F30TS40	1165.3.5			PARAMETRIC		
REFEREN	CE DATA							4.177	RN/L =	1.090
SREF = 2690.0000 SQ LREF = 474.8100 IN BREF = 935.6800 IN SCALE = .0405	YMRP	<b>= .00</b>	000 IN.X0 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	-2.000 6.000 -11.700	ELEVTR = ELEVON =	-23.000 -5.000
	RUN NO.	170/ 0	RN/L =	.00 GP D	IENT INTERV	AL = -5.00	)/ 5.00			. I serie
MACH GP .155 11.332 .155 13.432 .155 21.947 .154 38.213 .155 53.156 GRADIENT	ALPHAW 4.17654 4.15213 4.12265 4.07552	0(PSF) 35.20734 5.20951 35.14056 34.82492 35.19376 .00000	ALPHAO 7.95275 7.94486 7.91526 7.85214 7.76339 .00000	CL 01817 03597 07478 09709 10547 .00000	CD .00389 .00274 .00006 00047 00122 .00000	CLM .12116 .12399 .13088 .13613 .13821 .00000	CY .00513 .00113 00068 00491 00581 .00000	CLN .00189 .00149 .00106 .00081 .00079 .00000	CSL .00175 .00150 .00015 00029 00020	BETA .05000 .00000 .00000 .00000 .00000
[종명하다. 경기 등 내 등 하는] 일하다.	회사 등의 기계하다 그 날									
				E 1570TCU	0165 3.5			ITUF17	71) ( 07 J	UN 76
		(CA-	8) K3.1TS7H	115.6.1F30TS4	0165.3.5			PARAMETRIC		UN 76 )
SREF = 2690.0000 S LREF = 474.8100 I BREF = 935.6800 I	N. YMRP	= 1109.0 = .0	8) K3.1TS7F 1000 IN.XO 1000 IN.YO 1000 IN.ZO	115.6.IF30TS4	0165.3.5		ALPHAW = STAB = IORB = BDFLAP =			1.090 -23.000 -5.000
SREF = 2690.0000 S LREF = 474.8100 I	O.FT XMRP	= 1109.0 = .0 = 375.0	000 IN.XO		0165.3.5 DIENT INTER	VAL = -5.	STAB = IORB = BDFLAP =	6.229 -2.000 6.000	DATA  RN/L = ELEVTR =	1.090 -23.000

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF172) ( 07 JUN 76 )

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PEDENIC		. ~ .		100	

	REFEREN	NCE DATA							PARAMETRI	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SC 474.8100 IN 936.6800 IN .0405	1. YMRI	> = `````,	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.146 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	). 172/ 0	RN/L =	.00 GRAI	DIENT INTER	/AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .156 .156 .155	GP 11.340 11.763 21.315 37.280 52.675 73.766 GRADIENT	ALPHAW 8.14622 8.12341 8.10507 8.09996 8.08797 8.23564 .00000	0(PSF) 35.26104 35.06159 35.03146 35.41165 35.02956 35.29145 .00000	ALPHAO 11.93335 11.92935 11.91138 11.89540 11.84947 11.95532 .00000	CL .14318 .13321 .06994 .02569 .01446 .00970 .00000	CD .01724 .01590 .00707 .00191 .00062 00070	CLM .12673 .12829 .14196 .15151 .15384 .15593 .00000	CY .00828 .00683 .00212 00232 00575 00818 .00000	CLN .00057 .00048 .00054 .00009 .00018 .00000	CSL .00379 .00344 .00211 .00104 .00087 .00064	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7F	115.6.1F30TS	0165.3.5			(TJF17	3) ( 07 J	UN 76 J
	REFEREN	ICE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	YMRF	' <b>=</b>   }	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10.106 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	. 173/ 0	RN/L =	.00 GRAD	HENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155 .155	GP 11.327 11.842 20.543 37.954 52.317 72.825 83.959 GRADIENT	ALPHAW 10.10587 10.07836 10.07838 10.08662 10.09383 10.31861 10.28421 ,00000	Q(PSF) 35.14144 35.02702 35.25570 35.12354 35.20582 35.15635 35.16969 .00000	ALPHA0 13.90850 13.90447 13.90447 13.88837 13.86824 14.04747 13.97898	CL .21778 .21239 .14314 .08713 .07830 .07759 .07766 .00000	CD .03086 .02960 .01753 .00963 .00820 .00785 .00741	CLM .13096 .13191 .14536 .15761 .16108 .16324 .16412 .00000	CY .00642 .00300 .00032 +.00449 00731 00824 00976 .00000	CLN 00013 00008 .00005 00005 .00017 .00020 .00012	CSL .00391 .00384 .00265 .00083 .00594 .00090	BETA .00000 .00000 .00000 .00000 .00000 .00000

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### CA-B - FORCE SOURCE DATA TABULATION

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(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5	(CA-8) K3	3.1TS7H15.6.	1F30TS40165.	3.5
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(TJF174) ( 07 JUN 76 )

-R	Ε	F	E	R	Ε	N	С	E	D/	١V	Α
					_		•	-		٠,	

### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690.0000 S 474.8100 I 936.6800 I .0405	N. YMR	Р =	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.126 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN N	0. 174/ 0	RN/L =	.00 GR	ADIENT INTERV	/AL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP 20.524 23.751 39.579 55.309 85.653 GRADIENT	ALPHAN 12.12640 12.10713 12.12384 12.23847 12.26404 .00000	Q(PSF) 34.99550 35.21852 35.05539 35.05248 35.24889 .00000	ALPHAO 15.93538 15.93538 15.93534 16.00450 15.94351	CL .24106 .21683 .17025 .15446 .14877 .00000	CD .03766 .03342 .02548 .02255 .02095 .00000	CLM .14828 .15306 .16536 .16997 .17261	CY .00685 .00009 00512 00587 00828 .00000	CLN - 00075 - 00033 - 00010 .00040 .00042	CSL .00479 .00331 .00178 .00094 .00079	BETA .00000 .00000 .00000 .00000 .00000
		1 - 글리 왕의 교회 그리가 그 그 글로	(CA	-81 K3.1TS7	415.6.1F30TS	40165.3.5			(TJF17	5) (07J	UN 76 )
	REFEREN	NCE DATA							PARAMETRIC		<b>3,1</b> ,8 ,
SREF = LREF = BREF = SCALE =	2690.0000 SC 474.8100 IN 936.6800 IN .0405	. YMRF	) = '''.	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.171 .000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	175/ 0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .156 .157 .156 .155 .159	GP 11.331 13.407 22.661 38.740 53.682 GRADIENT	ALPHAW 4.17082 4.14548 4.11769 4.10935 4.10935 4.17382 .00000	0(PSF) 35.81016 35.83570 35.37999 35.03209 34.78007 .00000	ALPHAO 7.94486 7.94289 7.91132 7.88173 7.91724 .00000	CL 03495 03761 08194 11005 11357 .00000	CD 00022 00071 00308 00429 00479 .00000	CLM .12278 .12729 .13526 .14047 .14247 .00000	CY .00299 .00488 00182 00706 01046 .00000	CLN .00138 .00119 .00118 .00031 .00062 .00000	CSL -00296 -00272 -00141 -00019 -00030	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

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(TJF176) ( 07 JUN 76 )

(TJF177) ( 07 JUN 76 )

DATE ABOVE		_		
PARAME'	ıwı	Γ.	DAT	٨

	LREF =	2690.0000 SQ	.FT XMRP	= 1109.0	000 IN.XO					PARAMETRIC	DATA	
	BREF = SCALE =	474.8100 IN 936.6800 IN .0405	· YMRP · ZMRP	· ÷ ,0	000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB =	6.173 .000 6.000	RN/L = ELEVTR =	000.
			RUN NO.	176/ 0	RN/L ≡	.OU GRA	DIENT INTERV		BDFLAP =	-11.700	ELEVON =	-5.000
	MACH .155	GP 11.341	ALPHAW 6.17247	Q(PSF)	ALPHAO	CL	CD					
ĄĴ.	. 155 . 154	12.973 22.070	6.14746	35.19275 35.19724	9.94684 9.94088	.05419	.00462	. 12481	CY .00649	CLN .00115	CSL .00396	BETA .00000
	. 154 . 154	37.934 53.578	6.11838	34.92518 34.75345	9.92501 9.88931	01223 04153	00233	.12829	.00254 00330	.00106	.00336	.00000
		GRADIENT	.00000	34.62446 .00000	9.83179 .00000	05695 .00000	00549 00000	.14630	00549 00888	.00026	.00093	.00000
							.00000	.00000	.00000	.00000	.00000	.00000
	电弧电阻 机氯化氯	efficient of the process		(CA-8	) KK ITSTUL	5 C 157070	:Blad D :: 555					

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT XMRP LREF = 474.8100 IN. YMPP	= 1109.0000	IN, XO	PARAMETRIC	DATA
BREF = 936.6800 IN. ZMRP	0000	IN. YO	ALPHAW = 8.173 STAB = .000	RN/L = 1.090
O405			IORB = 5.000 BDFLAP = -11.700	ELEVTR = .000 ELEVON = -5.000

MACH GP	ALPHAW O(PSE)	RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00	
.155 11.340 .156 20.881	8.17339 35.22050 8.15028 35.43861	ALPHAO CL CD CLM CY CLN CSL 11.95732 .13209 .01309 .12949 .00434 .00056 .00341	BETA
.155 36.831 .154 52.314 GRADIENT	8.12268 35.02256 8.11801 34.86682	11.90339 .06310 .00407 .142390028 .00073 .00186	.00000
	.00000 .00000	.00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	.00000



DATE DE JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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	CA-	-8)	K3.	1157H	15.6.	1F30	TS40	I G5	.3.	5	
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(TJF178) ( 07 JUN 76 )

	REFERENCE DATA	병하를 하얗다면 내려가 있다.					PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 5Q.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	10.137 .000 5.000 +11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
	RUN NO	, 178/ 0 RN/L =	.00 GRAD	DIENT INTERV	'AL = -5.0	5.00			
MACH 155 155 155 156 154	GP ALPHAW 11.327 10.13671 12.372 10.11352 21.309 10.12040 37.628 10.13586 53.046 10.21972 GRADIENT .00000	0(PSF) ALPHA0 35.31619 13.92864 35.23542 13.92864 35.21874 13.93468 34.89586 13.92864 34.89108 13.97093 .00000 .00000	CL .23337 .21612 .14275 .10070 .08072 .00000	CD .02073 .02747 .01585 .00959 .00698 .00000	CLM .13220 .13372 .14779 .15950 .16067 .00000	CY .00613 .00431 00287 00832 00959 .00000	.00000 .00000 .00021 .00002 .00046	CSL .00443 .00378 .00265 .00121 .00089 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	H15.6.1F30TS	10165.3.5			(TJF17	9) ( 07 JL	JN 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	12.198 .000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO	. 179/ 0 RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH			CL	CD	CLM	CY	CLN	CSL	BETA

### (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(TJF180) ( 07 JUN 76 )

#### REFERENCE DATA

	THE ENERGE	LUATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN.	T XMRI YMRI ZMRI	.00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.151 .000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 180/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.1	00/ 5.00			
MACH .154 .154 .153	GP 11.277 13.124 23.148 32.036 GRADIENT	ALPHAW .15079 .12086 .06369 .11875 .00000	01.75F1 34.64775 34.65273 34.58855 34.40478 .00000	ALPHA0 3.88475 3.87398 3.82013 3.89454 .00000	CL 18212 18766 21451 21442 .00000	CD .00650 .00658 .00714 .00707	CLM .11909 .12020 .12443 .12793 .00000	CY 00157 .00040 00574 00541 .00000	CLN .00184 .00168 .00119 .00073 .00000	CSL .00254 .00223 .00149 .00067 .00000	BETA .00000 .00000 .00000 .00000
			(CA-8	) K3.1TS7H	115.6.1F30TS4	0165.3.5			(TJF18	1) ( 07 JU	IN 76 )
	REFERENCE	DATA							PARAMETRIC		,, ,,
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .00	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = IORB = EDFLAP =	.167 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 1817 0	RN/L =	.00 GRAD	IENT INTERV	'Al. = -5.0	0/ 5.00			
MACH .155 .155 .155 .155	GP 11.278 13.104 23.170 32.033 GRADIENT	ALPHAW .16651 .14737 .09380 .14855 .00000	0(PSF) 35.26745 35.18763 35.05219 35.22923 .00000	ALPHAC 3.92391 3.91314 3.85831 3.90629 .00000	CL 17572 18891 21714 21623 .00000	CD .00584 .00550 .00512 .00550 .00000	CLM .12025 .12063 .12545 .12822 .00000	CY .00692 .00842 00129 00384 .00000	.00000 .00192 .00049 .00049	CSL .00360 .00283 .00128 .00114 .00000	BETA .00000 .00000 .00000 .00000

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### CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8)	K3.1	TS7H15	. B. 1F	301540	1G5.3.5

(TJF182) ( 07 JUN 76 )

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#### PARAMETRIC DATA

- PDEE									PARAMETRIC	J. DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SC 474.8100 IN 936.6800 IN .0405	YMRF	) =	0000 IN.XO 0000 IN.YO 00(10 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.137 -2.000 5.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 182/ 0	RN/L ≔	.00 GF	RADIENT INTERV	'AL = -5.	00/ 5.00			
MACH - 155 - 155 - 155 - 155	GP 11.331 13.177 22.430 38.543 53.475 GRADIENT	ALPHAW 4-13687 4.11643 4.09585 4.12323 4.17693 .00000	0(PSF) 35.06608 35.11089 35.32588 35.26054 35.19707 .00000	ALPHAO 7.91329 7.90737 7.88765 7.89554 7.92118 .00000	CL 02981 04486 08142 10953 11627 .00000	CD 00035 00161 00411 00540 00602 .00000	CLM .12402 .12534 .13490 .13989 .14198 .00000	CY .00545 .00301 00005 00250 00595	CLN .00125 .00123 .00067 .00044 .00039	CSL .00371 .00361 .00217 .00131 .00077	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K3.1TS7H	115.6.1F30T	S40165.3.5			(TJF18	13) (07 JU	JN 76 )
	REFEREN	CE DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	<ul> <li>YMRP</li> </ul>	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	5.180 -2.000 5.000 -1:.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 183/ 0	RN/L =	.00 GR	ADIENT INTERV	AL = -5.0	00/ 5.00			
MACH -155 - 155 -156 -155 -155	GP 11.341 12.842 21.952 37.820 53.470 GRADIENT	ALPHAW 6.17988 6.15280 6.14440 6.20852 6.18876 .00000	0(PSF) 35.17824 35.19307 35.42428 35.17541 35.28403 .00000	ALPHAO 9.95477 9.95080 9.94088 9.99049 9.93890 .00000	CL .05487 .04188 01320 04290 05132 .90000	CD .00385 .00200 00341 00543 00627 .00000	CLM .12543 .12921 .13867 .14650 .14883 .00000	CY .00692 .00649 00040 00392 00733 .00000	CLN .00101 .00104 .00059 .00017 .00018	CSL .00330 .00364 .00282 .00095 .00:09	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

## (TJF184) ( 07 JUN 76 )

### REFERENCE DATA

									PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S 474.8100 I 936.6800 I .0405	N. YMRI	> = ''``	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.158 -2.000 5.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 184/ D	RN/L =	.00 GR	ADIENT INTER	VAL = -5.	00/ 5.00			
MACH .154 .155 .155 .156 .155	GP 11.340 12.382 21.755 37.741 53.210 GRADIENT	ALPHAW 8.15784 8.14396 8.13647 8.13121 8.25418 .00000	0(PSF) 34.75909 35.23088 35.18282 35.49264 35.25425 .00000	ALPHAO ii.93934 i!.94933 ii.93934 ii.91936 i2.00327 .00000	CL .13656 .13439 .06519 .02539 .01453 .00000	CD .01333 .01258 .00362 - 00106 - 00242 .00000	CLM .12654 .13002 .14286 .15228 .15595 .00000	CY .00581 .00524 .00000 00532 00617 .00000	CLN .03045 .00029 .00017 .00005 .00036	CSL .00328 .00412 .00284 .00132 .00116	BETA .00000 .00000 .00000 .00000 .00000
(CA-B) K3.1TS7H15.6.1F3DTS4O1G5.3.5											
	REFEREN	ICE DATA			흥미를 발표하는 것으로 모르는 것이 없었다.						
SREF =	2690.0000 SC	YMDD							PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.0000 30 474.000 IN 936.6800 IN	YMRP	=	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IGRB = BDFLAP =	10.175 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO. 185/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00										
MACH .155 .155 .155 .156 .155	GP 11.327 12.573 21.487 37.820 53.244 GRADIENT	ALPHAW 10.175:0 10.15381 10.15478 10.17714 10.19058 .00000	Q(PSF) 35.13865 35.19197 35.10964 35.43676 35.25477 .00000	ALPHA0 13.95683 13.96086 13.96086 13.96287 13.94273 .00000	CL .22198 .21071 .13966 .09319 .08387 .00000	CD .02846 .02506 .01473 .00783 .00633	CLM .12885 .13306 .14718 .15778 .16194 .00000	CY .00763 .00720 00193 00373 00759 .30000	CLN 00007 00007 00008 00006 00025	CSL .00399 .00466 .00257 .00144 .00101	BETA .00000 .00000 .00000 .00000 .00000

DATE OF JUL 76 CA-8 - FORCE SOURCE DATA TABULATION	- FORCE SOURCE DATA TABULATION					
DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABLETTON  (CA-8) K3.1TS7H15.6.1F30TS40165.3.5						
		PARAMETRIC	DATA			
				1.090		
SREF = 2690.000C SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = STAB = IORB = BDFLAP =	12.161 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	.000 -5.000		
RUN NO. 186/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	00/ 5.00					
MACH GP ALPHAW 0(PSF) ALPHAO CL CD CLM .156 20.614 12.16056 35.43519 15.95164 .24066 .03553 .14885 .155 23.969 12.15201 35.18029 15.95164 .22289 .03215 .15397 .155 39.988 12.17697 34.99586 15.95164 .17208 .02330 .16645 .155 55.464 12.20100 35.08515 15.94351 .15379 .02020 .16968 .6RADIENT .00000 .00000 .00000 .00000 .00000	CY .00193 .00208 00518 00643 .00000	CLN 00028 00038 00002 .00045 .00000	CSL .00336 .00295 .00151 .00111	BETA .00000 .00000 .00000 .00000		
(CA-8) K3.1TS7HI5.6.1F30TS40IG5.3.5		(TJF18	(7) ( 07 J	UN 76 1		
is the little state of the little to the state of the later of the state of the sta		PARAMETRIC	DATA			
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = STAB = IORB = BOFLAP =	.179 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000		
RUN NO. 187/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	00/ 5.00					
MACH GP ALPHAW Q(PSF) ALPHAO CL CD CLM  .155 11.278 .17917 34.98679 3.9141217955 .00495 .12063  .155 13.977 .13823 35.17663 3.8994319288 .00462 .12324  .156 24.041 .12554 35.41403 3.6867021347 .00470 .12707  .155 32.911 .17216 35.14763 3.9258722123 .00488 .12907  .155 GRADIENT .00000 .00000 .00000 .00000 .00000	CY .00795 .00578 00167 00136 .00000	CLN .00200 .00141 .00107 .00050 .00000	CSL .00396 .00367 .00224 .00257 .00000	BETA .00000 .00000 .00000 .00000		

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR.

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF188) ( 07 JUN 76 )

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#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.ZO	.00 GRA	DIENT INTERV	/AL = -5.0	ALPHAW = STAB = IORB = BDFLAP =	4.122 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
MACH .155 .155 .155 .156	GP ALPHAW 11.331	Q(PSF) ALPHA0 35.27228 7.89554 35.25493 7.89370 35.19107 7.88765 35.48103 7.99737 35.16837 7.92316 .00000 .00000	CL 03280 04953 09528 11474 11919 .00000	CD 00141 00299 00591 00566 00715 .00000	CLM .12473 .12585 .13447 .14141 .14297 .00000	CY - 00649 - 00739 - 00148 - 00374 - 00698 - 00000	CLN .00145 .00108 .00055 00042 .00023 .00000	CSL .00406 .00404 .00313 .00161 .00190	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	415.6.1F30TS40165.3.5				(TJF189) ( 07 JUN 76 )		
	REFERENCE DATA			PARAMETRIC DATA					
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.123 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	189/ 0 RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .156	12.617 6.09910 21.716 6.11690 37.600 6.14251	Q(PSF) ALPHAO 35.11914 9.89129 35.11102 9.89327 35.33310 9.91311 35.34775 9.92303 35.44393 9.95279 .00000 .00000	CL .04804 .03562 01639 04633 05578 .00000	CD .00258 .00068 00445 00616 00751	CLM .12641 .12866 .13933 .14689 .14935 .00000	CY .00773 .00887 00153 00448 00387	CLN .00039 .00070 .00016 00012 .00003	CSL .00466 .00444 .00307 .00179 .00200	BETA .00000 .00000 .00000 .00000 .00000

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### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 793

(CA-8)	K3.1TS7H15	.6.1F30TS40	165.3.5

(TJF190) ( 07 JUN 76 )

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- 17	EF	E.F	(E.I	٧t.	. t.	·U	ΑΙ	ΓΑ

### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN. = .0000 IN. = 375.0000 IN.	Ô		ALPHAW = STAB = IORB = BDFLAP =	8.153 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	190/ 0 RN/L =	.00 GRADIE	NT INTERVAL = -5.	00/ 5.00			
MACH .155 .155 .156 .155 .155	11.345 8.14928 20.753 8.14155 36.689 8.13589	Q(PSF) ALPH/ 35.31843 11.957: 35.26797 11.955: 35.44269 11.947: 35.06674 11.921: 35.19598 11.985: .00000 .0000	2 .14044 2 .12945 3 .06339 6 .01917 -	CD CLM .01293 .12828 .01097 .12987 .00224 .14422 .00253 .15321 .00367 .15610 .00000 .00000	CY .00919 .01014 .00048 00294 00581	CLN .03039 .00013 .00009 00017 00003	CSL .00447 .00469 .00323 .00215 .00150	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.11	S7H15.6.1F30TS401	<b>65.3.5</b>		(TJF19	1) ( 07 JU	N 76 )
	REFERENCE DATA						5.4	
Anne bar grad	REFERENCE DATA					PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 [N. YMRP	= 1109.0000 IN.) = .0000 IN.) = 375.0000 IN.2	0		ALPHAW = STAB = IORB = BDFLAP =	10.190 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
LREF = BREF =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= .0000 IN.Y	0	NT INTERVAL = -5.(	ALPHAW = STAB = IORB = BDFLAP =	10.190 -4.000 6.000	RN/L = ELEVTR =	.000

## (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(TJF192) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF =	2000 2000 20							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	474.8100 IN. Y	1RP = .	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = TORB = BDFLAP =	12.151 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN	NO. 1927 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155		35.17746 35.14250 34.94288 35.28851	ALPHAO 15.94351 15.94351 15.94351 15.93944 .00000	CL .24511 .21802 .16595 .15179 .00000	CD .03542 .03069 .02161 .01890 .00000	CLM -15173 -15395 -16642 -17063 -00000	CY ,00672 .00005 00278 00553 .00000	CLN 03088 00023 00040 .00000	CSL .00457 .00285 .00238 .00169 .00000	BETA .00000 .00000 .00000 .00000
		ICA	-8) K3.1TS7	F30TS	40165.3.5			(TUF19	93) (07)	JUN 76 )
	REFERENCE DATA									
LREF =	2690.0000 SQ.FT XM 474.8100 IN. YM	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0000 IN.XO 0000 IN.YO				ALPHAW =	PARAMETRIC	RN/L =	1.090
BREF = SCALE =	936.6800 IN. ZM .0405	RP = 375.	0000 IN.ZO				IORB = BDFLAP =	6.000 -11.700	ELEVON =	-5.000
		RP = 375.	0000 in.zó RN/L =	.00 GRAE	DIENT INTERV	/AL = -5.0	BDFLAP =		ELEVON =	-5.000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION PAGE 795 (CA-8) K3.1TS7 F30TS401G5.3.5 (TJF194) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = BREF = 474.8100 IN. ALPHAW = YMRP = .0000 IN.YO 4.126 RN/L = i.090 936.6800 IN. IORB = ZMRP 6.000 ELEVON = 375.0000 IN.ZU -5.000 SCALE = .0405 BDFLAP = -11.700RUN NO. 194/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 MACH GP ALPHAW Q(PSF) ALPHAO CL CD .157 CLM 11.331 CY 4.12594 36.09143 CLN 7.90540 BETA -.03751 -.00083 . 155 13.482 .12394 4.09960 35.15022 35.38733 .00251 .00120 .00374 7.88567 .00000 -.04997 -.00197 .12766 . 156 22.767 4.15943 .00407 .00118 7.95275 .00378 -.00433 -.00497 -.00533 .00000 -.08765 . 155 38.878 .13617 -.00271 4.11715 .00106 .00224 35.13567 7,88765 .00000 -.11244 .155 .14136 -.00610 -.00984 53.826 4.16426 -.00019 35.26370 .00158 .00000 7.91132 -.12038 .14343 GRADIENT .00000 .00000 .00019 .00112 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1TS7 F30TS401G5.3.5 (TJF195) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF 474.8100 IN. ALPHAW = YMRP = 6.186 RN/L = .0000 IN.YO 1.090 BREF = 936.6800 IN. IORB = = 375.0000 IN.ZO ZMRP 6.000 ELEVON = -5.000 SCALE = .0405 BDFLAP = -11.700RUN NO. 195/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q(PSF) ALPHAO CL .155 CLM 11.341 6.18562 35.13906 CLN CSL 9.95477 BETA .05052 .00359 . 155 .12593 13.422 6.15900 .00401 .00090 35.21092 .00401 .00000 9.94584 .03271 .00114 .12907 .155 6.12838 6.13026 22.524 .00546 .00067 35.25193 .00365 .00000 -.01701 -.04936 9.92105 -.00318 .13968 .155 38.427 -.00288 .00032 35.29861 .00312 9.91113 .00000 -.00568 .155 54.071 .14676 -.00542 -.00827 6.21619 -.00021 35.23734 .00201 .00000 9,96866 -.05534 -.00606 .14962 GRADIENT .00000 .00000 .00129 .00000 .00000 .00000 .00000

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PAGE 796

			(CA	-8) K3.1TS7	F30T5	340165.3.5			CTUF19	96) (07 JI	JN 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IORB = BOFLAP =	8.187 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
		RUN NO	. 196/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155	GP 11.340 12.785 22.173 38.137 53.641 GRADIENI	ALPHAW 8.18656 8.16513 8.15057 8.14933 8.22354 .00000	0(PSF) 35.06438 35.25659 35.32282 35.08781 35.26931 .00000	ALPHAO 11.96331 11.96131 11.94933 11.93135 11.97729 .00000	CL .13606 .11825 .06020 .01606 .01126 .00000	CD .01307 .01066 .00264 00152 00272 .00000	CLM .12784 .13038 .14361 .15253 .15580 .00000	CY .00281 .00683 00243 00631 00961 .00000	CLN .03015 .00027 00009 00016 .00007	CSL .00435 .00361 .00349 .00162 .00119 .00000	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	-8) K3.1T57	F30TS	40165.3.5			(TUF19	17) ( 07 JU	JN 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO. 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IORB = BDFLAP =	10.192 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
		RUN NO	. 197/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .156	12.916 21.845 38.200	ALPHAW 10.19230 10.16742 10.15920 10.15697 10.21446 ,00000	Q(PSF) 35.12579 35.08042 35.21230 35.08674 35.43229 .00000	ALPHAO 13.98301 13.97294 13.96891 13.94273 13.97093	CL .22413 .19982 .13889 .08918 .07390 .00000	CD .02883 .02448 .01472 .00762 .00545 .00000	CLM .13144 .13291 .14771 .15807 .16184 .00000	CY .00347 .00555 00216 00549 00820 .00000	CLN 00028 00029 00030 .00002	CSL .00460 .00446 .00342 .00192 .00141 .00000	BETA .00000 .00000 .00000 .00000 .00000



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DATE 06	JUL 76	CA-8 -	FORCE SOU	IRCE DATA TA	BULATION					PAC	GE 797
			(CA-	8) K3.1TS7	F30TS4	01G5.3.5			(TJF19	18) ( 07 Jl	JN 76 )
	REFERENCE D	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = 10RB = EIDFLAP =	12.168 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
		RUN NO.	. 198/ 0	RN/L =	.00 GRAD	IENT INTERV	'AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .156	20.579 12. 23.917 12. 39.966 12. 55.422 12.	ALPHAW .16783 .15120 .15908 .22405 .00000	0(PSF) 35.15563 35.11278 35.27006 35.36454 .00000	ALPHAO 15.95790 15.95977 15.95164 15.97603 .00000	CL .23211 .20773 .16576 .14677 .00000	CD .03370 .02930 .02264 .01935 .00000	CLM .15041 .15384 .16568 .16919 .000rJ	CY .00340 00283 00853 00885 .00000	CLN 00059 00029 00016 .00000	CSL .00313 .00298 .00180 .00169 .00000	BETA .00000 .00000 .00000 .00000
			(CA-	-8) K3.1TS7F	115.6.1F30TS4	0165.3.5			(TJF19	99) ( 07 JI	UN 76 )
	REFERENCE [	DATA							PARAMETRIC	DATA	
SREF = LREF =	2690.0000 SQ.FT	XMRP	= 1109.0	0000 IN.XO							1.090
BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= .[	0000 IN.YO 0000 IN.ZO				ALPHAN = STAB = IORB = BDFLAP =	-2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	17.000 -5.000
	936.6800 IN.		= .( = 375.(	0000 IN.YO	.00 GRAD	IENT INTERV	/AL = -5.0	STAB = IORB = BDFLAP =	-2.000 6.000	ELEVTR =	17.009

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. 155

. 155

7.93105

7.96853

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### (CA-8) K3.ITS7H15.6.1F30TS40IG5.3.5

(TJF200) ( 07 JUN 76 )

PARAMETRIC DATA

-.00021

-.00004

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PARAMETRIC DATA

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									The second secon	
SREF =	2690.0000 SQ.F	T XMRP	= 1109.0000 1	1.X0			ALPHAW =	4.098	RN/L =	1.090
LREF =	474.8100 IN.	YMRP :	= .0000 11	1.YO			STAB =	-2.000	ELEVTR =	17.000
BREF =	936.6800 IN.	ZMRP :	= 375.0000 [1	I.ZO			IORB =	6.000	ELEVON =	-5.000
SCALE =	.0405						BDFLAP =	-11.700		
		RUN NO.	200/ 0 RN/I	. = .00	GRADIENT I	NTERVAL = -5.	.00/ 5.00			
MACH	GP	ALPHAW	Q(PSF) ALI	PHAO CL	CD	CLM	CY	CLN	CSL	BETA
.155	11.331	4.09756 39	5.04581 7.86	9890	2972000	52 .12214	.00490	.00105	.00368	.00000
. 155	13.518	4.13818 3	5.06997 7.9	23160	4884002	37 .12548	.00050	.00101	.00295	.00000
155	22 788	4 11677 7	7 74616 7 0	1935 - N	2046 <b>-</b> 003	72 13444	- กกษกล	.00039	.00251	.00000

-.00525

-.00538

.00000

.14081

.14276

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-.00612

-.00853

.00000

### (CA-8) K3.1TS7HI5.6.1F30TS40165.3.5

-.10387

-.11216

.00000

(TJF201) ( 07 JUN 76 )

.00196

.00099

.00000

### REFERENCE DATA

4.15753

4.22088

.00000

35.30301

35.13561

.00000

38.902

53.854

GRADIENT

SREF = 2690.0000 SQ.FT	T = 1109.0000	IN.XO	ALPHAW = 6.137	
LREF = 474.8100 IN,	YMRP = .0000	IN.YO	STAB = -2.000	
BREF = 936.6800 IN.	ZMRP = 375.0000	IN.ZO		ELEVON = -5.000
SCALE = .0405		얼마가 얼마하는 이렇다면요?	BDFLAP = -11.700	

RUN NO.	201/ 0 RN/L =	nn	GRADIENT	INTERVAL =	-5.00/	5.00
LON INO			OUMDIENS	THUE TO YAL -	D.00/	J. 00

MACH GP	ALPHAW QTF	PSF) ALPHAO CL	CD CLM	CLN	CSL BETA
.155 11.	341 6.13657 35.28	3124 9.90518 .0	5962 .00436 .125		.00487 .00000
	124 6.10784 35.20		.00230 .128	= 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
.155 22.			822 - 00362 .137		
.155 38.			145400476 .1459 552300611 .1489		
.155 53. GRADI			552300611 .1480 0000 .00000 .000		.00000 .00000

D . T.	E 06	44 11	

.155

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11.828 20.751

37.109 52.535 GRADIENT

10.12340

10.13771

10.23577

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35.12949

34.96584 35.43320 .00030

13.91857 13.92058 13.91253 13.98301

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### CA-B - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS40165.3.5

**PAGE 799** ( 07 JUN 76 )

(TJF202)

-.00046 -.00039 -.00060

-00000

-.00033

-.00004

.00000

.00441

.00240

.00175

.00170

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.00000

.00216

-.00390

-.00734

-.00756 .00000

	REFEREN	CE DATA							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 50 474.8100 IN 936.6800 IN .0405	. YMRF	⊃ = .	0000 IN.X0 0000 IN.Y0 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.191 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 17.000 -5.000
		RUN NO	0. 202/ 0	RN/L =	.00 GRA	DIENT INTER	RVAL = -5.	00/ 5.00			
MACH 155 155 155 155 155	GP 11.340 11.939 21.325 37.305 52.790 GRADIENT	ALPHAW 8.19080 8.13424 8.12121 8.12317 8.18494 .00000	Q(PSF) 35.28931 34.99801 35.28107 35.29255 35.27625 .00000	ALPHAO 11.96131 11.92336 11.92336 11.90538 11.93135 .00000	CL .12927 .12304 .06124 .02126 .01441 .00000	CD .01258 .01160 .00368 00054 00116 .00000	CLM .12763 .12808 .14197 .15120 .15553 .00000	CY .00182 .00284 00346 00441 00820 .00000	CLN .00025 .00030 00004 00037 00001	CSL .00400 .00326 .00293 .00233 .00135	BETA .00000 .00000 .00000 .00000
			(CA-	-8) K3.1TS7H	115.6.1F30TS	401G5.3.5			(TJF20	)3) ( 07 J	UN 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. 0405	YMRP	= .(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10.129 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
		RUN NO	203/ 0	RN/L =	.00 GRAI	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH -155 -155 -155	GP 10.368 11.327 11.828	ALPHAW 10.12860 10.14470 10.12552	Q(PSF) 35.17497 35.19063 35.11557	ALPHA0 13.91857 13.92058 13.91857	CL .22661 .21504	CD .02943 .02728	CLM .12909 .13142	CY .00753 .00216	CLN 00046 00039	CSL .00480 .00457	BETA .00000 .00000

.21100

.14200

.09707

.08851

.02675

.01605

.00829

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.13330 .14755

.15848 .16265 .00000

# (CA-8) K3.1TS7H15.6.1F30TS40165.3.5

	REFEREN	CE DATA							(TJF	204) ( 07 ,	JUN 76 )
SREF = LREF =	sea0.0000 so	.FT XMI	RP = 1109	.0000 IN.XO					PARAMETR	IC DATA	
BREF = SCALE =	474.8100 IN 936.6800 IN .0405	YMF ZMF RUN N	RP = 375	.0006 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	12.192 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
MACO		RUIY I	10. 2047 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5	00/ 5.00			
MACH .155 .155 .156	39.987	ALPHAW 12.19234 12.18811 12.22414 12.24299 .00000	0(PSF) 35.26808 35.20093 35.14335 35.44415 .00000	ALPHAO 15.97603 15.98010 15.99230 15.98417 .00000	CL .23986 .22747 .17190 .16083 .00000	CD .03587 .03421 .02484 .02234 .00000	CLM .15027 .15585 .16665 .17033 .00000	CY .00298 00243 00708 00861 .00000	CLN 00031 00015 .00022	CSL .00317 .00240 .00171 .00132	BETA .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7F	115.6.1F30TS	40105 7 E					
	REFERENCE	E DATA				10103.3.5			(TJF2	)5) ( 07 J(	JN 76 )
SREF =	2690.0000 SQ.F	T XMRF	) = 1109 (						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRF ZMRF	= .( = 375.(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.134 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
MACH			- 205/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	00/ 5.00			
- 156 - 155 - 155 - 155	GP 11.277 14.431 23.952 32.899 GRADIENT	ALPHAM - 13364 - 09492 - 10338 - 03385 - 00000	0(PSF) 35.44503 35.15829 35.11065 35.02771 .00000	ALPHA0 3.83579 3.81425 3.81817 3.74181 .00000	CL 07362 09133 11058 11576 .00000	CD .01242 .01174 .01304 .01346 .00000	CLM -07857 -08018 -08363 -08527 -00000	CY .00614 .00526 00240 00751 .00000	CLN .00089 .00095 .00005 00033	CSL .00474 .00396 .00349 .00241 .00000	BETA .00000 .00000 .00000 .00000

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

PAGE 801

### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TUF206) ( 07 JUN 76 )

	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. 0405	YMRF	· = .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.242 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	). 206/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.0	5.00			
MACH .155 .155 .155 .154 .154	GP 11.332 14.376 23.109 39.072 54.100 GRADIENT	ALPHAW 4.24199 4.21655 4.19487 4.16311 4.08722 .00000	Q(PSF) 35.17279 35.05311 35.03190 34.76265 35.05737 .00000	ALPHAO 7.96656 7.95275 7.93302 7.88173 7.78311	CL .07526 .05037 .02099 03203 01591 .00000	CD .01184 .00982 .00822 .00731 .00658 .00000	CLM .08304 .08647 .09477 .09884 .10044 .00000	CY .00677 00068 00216 00692 00866 .00000	CLN .00048 .00018 00007 00088 00048	CSL .00451 .00384 .00373 .00209 .00196 .00000	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	-8) K3.1TS7H	15.6.1F30TS	10165.3.5			(TJF20	) ( TO JL	N 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	REFERENCE 2690.0000 SQ. 474.8100 IN. 936.6800 IN.	FT XMRP	` = .C	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.119 -2.000 6.000 -11.700	DATA  RN/L = ELEVTR = ELEVON =	1.090 .000 .000
LREF = BREF =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	FT XMRP	= .0 = 375.0	000 IN.YO	.00 GRAI	IENT INTERV	/AL = -5.0	STAB = IORB =	6.119 -2.000 6.000	RN/L = ELEVTR =	.000

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF208) ( 07 JUN 76 )

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Comments of the comments of th									PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 5 474.8100 1 936.6800 1 .0405	N. YMF	P =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.086 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN N	0. 208/ 0	RN/L =	.00 GRAI	DIENT INTER	/AL = -5	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP 11.340 12.627 21.607 37.456 52.939 74.071 GRADIENT	ALPHAW 8.08564 8.05811 8.08122 8.17539 8.16581 8.27298 .00000	0 (PSF) 35.18854 35.12294 35.07387 35.26141 35.26070 35.45181 .00000	ALPHAO 11.80754 11.80754 11.83150 11.91138 11.87143 11.93135 .00000	CL .23560 .22498 .16296 .12809 .11335 .11244 .00000	CD .03163 .03013 .02219 .01844 .01654 .01612	CLM .08621 .08957 .10227 .11165 .11400 .11571 .00000	CY .00706 .00361 00270 00796 00692 00786 .00000	CLN 00039 00041 00059 00059 00058 .00000	CSL .00509 .00416 .00354 .00187 .00191 .00161	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-81 K3.ITS7H	15.6.IF30TS4	0165.3.5			(TJF20	9) ( 07 JU	V 70 V
	REFEREI	NCE DATA									N 76 )
SREF =	2690.0000 S	Q.FT XMRF	1100						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 II 936.6800 II .0405	V. YMRE	> ≠ `` <u>`</u> (	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	10.183 -2.000 5.000	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	209/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.	00/ 5.00			
MACH - 156 - 155 - 155 - 154 - 155 - 156	GP 11.327 12.717 21.237 37.762 52.991 84.665 GPADIENT	ALPHAW 10.18343 10.15406 10.15666 10.16761 10.16296 10.31574 .00000	Q(PSF) 35.35490 34.99359 34.95113 34.78208 34.97505 35.36910 .00000	ALPHAO 13.91454 13.90649 13.91052 13.90045 13.89434 13.93266 .00000	CL .32857 .31112 .24124 .19057 .18449 .18030 .00000	CD .05017 .04788 .03658 .02959 .02845 .02736 .00000	CLM .09124 .09494 .10723 .11719 .12124 .12409 .00000	CY .00831 .00156 00020 00809 00735 00731	CLN 00099 00080 00082 00089 00048 00062 .00000	CSL .00493 .00415 .00338 .00152 .00187 .00131	BETA .00000 .00000 .00000 .00000 .00000 .00000

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### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

( 07 JUN 76 ) (TJF210)

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REFERENCE	DATA						PARAMETRIC	DATA	
SREF = 2690.0000 SQ.F LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	T XMRP = YMRP = ZMRP =	1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.134 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO. 21	0/ 0 RN/L =	.00 GRAD	HENT INTERV	/AL = -5.0	0/ 5.00			
.155 23.736 1 .155 40.062 1 .155 55.364 1	2.13407 35.11 2.11691 35.11 2.14005 34.9 2.22277 35.0 2.24965 35.11	0059 i5.86831 9248 i5.86831 9716 i5.91505	CL .33639 .31297 .25636 .25423 .24843 .00000	CD .05901 .05436 .04537 .34497 .04320 .00000	CLM .10873 .11333 .12435 .12919 .13195 .00000	CY 00335 00075 00645 00673 01013 .00000	CLN 00131 00116 00088 00042 00000	CSL .00333 .00287 .00135 .00095 .00094	BETA .00000 .00000 .00000 .00000 .00000
이 경기를 들었다. 그 모든 것들이 시험하									
		(CA-8) K3.1TS7	H15.6.1F30TS4	0205.3.5			(TJF21	1) (0/0	UN 76 J
REFERENCE	DATA	(CA-8) K3.1TS7	H15.6.1F30TS4	0265.3.5			PARAMETRIC		UN 76 J
REFERENCE SREF = 2690.0000 SO.F LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405		(CA-8) K3.1TS7 1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO	H15.6.1F30TS4	0265.3.5		ALPHAW = STAB = 10RB = BDFLAP =			1.090 .000 -5.000
SREF = 2690.0000 SO.F LREF = 474.8100 IN. BREF = 936.6800 IN.	T XMRP = YMRP = ZMRP =	1109.0000 IN.XO		0265.3.5 DIENT INTERN	VAL = -5.0	STAB = 1ORB = BDFLAP =	PARAMETRIC .213 -4.000 6.000	DATA  RN/L = ELEVTR =	1.090 .000

(CA-B) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF212) ( 07 JUN 76 )

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### PARAMETRIC DATA

	HEI CHEICE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW # STAB = IORB = BDFLAP =	4.137 -4.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO	, 212/ 0 RN/L =	.00 GRAD	DIENT INTERVA	L = -5.0	0/ 5.00			
MACH .156 .155 .155 .155	GP ALPHAW 11.331 4.13723 14.211 4.10939 22.339 4.08071 38.399 4.16154 53.485 4.08856 GRADIENT .00000	Q(PSF) ALPHAO 35.38172 7.83636 35.38690 7.82650 35.23808 7.79691 34.95222 7.86398 34.92491 7.76536 .00000 .00000	CL 04873 07312 11357 13227 14190 .00000	CD .02660 .02448 .02115 .01940 .01893 .00000	CLM .13678 .14051 .14626 .15212 .15324 .00000	CY .01143 .00623 0056 00544 00984 .00000	CLN 00008 .00025 .00017 .00028 .00050	CSL .00297 .00327 .00221 .00094 .00079	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7H	15.6.1F30TS4	0205.3.5			(TJF21	3) ( 07 JU	IN 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	6.140 -4.000 6.030	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO	. 213/ 0 RN/L =	.00 GRAD	IENT INTERVA	L = -5.00	0/ 5.00			
MACH .156 .155 .155 .154 .155 .155	GP ALPHAW 11.341 5.13964 12.723 6.11455 21.914 6.09204 37.637 6.07714 53.467 6.15550 63.943 6.22851 GRADIENT .00000	Q(PSF) ALPHAO 35.41663 9.84369 35.20703 9.84170 35.15593 9.81790 34.83985 9.78221 35.15134 9.83575 35.14378 9.80931	CL .02734 .02138 04541 07361 07930 08225 .00000	CD .02992 .02856 .02118 .01758 .01691 .01628 .00000	CLM .13779 .14206 .14992 .15745 .16025 .16117	CY .00587 .00745 .00077 00220 00742 00787 .00000	CLN 00014 00004 .00010 00008 .00031 .00039	CSL .00341 .00325 .00191 .00110 .00122 .00095	BETA .00000 .00000 .00000 .00000 .00000

# REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOF

DATE 06	JUL 76	CA-8	- FORCE S	OURCE DATA T	ABULATION					D	AGE 805
			(C.	A-8) K3.1TS7	H15.6.1F30T	6402G5.3.5			(TJF2		JUN 76 )
	REFEREN								PARAMETRI		OON 10 1
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	YMRI	·	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.192 -4.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 214/ 0	RN/L =	.00 GRA	DIENT INTER	RVAL = -5.	00/ 5.00			
MACH 155 155 155 154 154 155	12.812 22.061 37.903	ALPHAW 8.19250 8.17081 8.15761 8.15761 8.14856 8.20880 .00000	Q(PSF) 35.16064 35.16131 35.07761 34.75743 34.63596 34.92976 .00000	ALPHAO 11.89939 11.90139 11.89140 11.86744 11.82750 11.84348 .00000	CL .11354 .10112 .03239 00591 01660 02009 .00000	CD .03907 .03732 .02674 .02084 .02004 .01900	CLM .14090 .14441 .15564 .16383 .16704 .16840	CY .00469 .00808 00293 00567 00511 00801	CLN 03029 00058 .00004 .00031 .00042 .00047	CSL .00273 .00254 .00182 .00075 .00078 .00059	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7H	115.6.1F30TS	+0265.3.5			(T #2)	<b>=</b>	
	REFERENC	E DATA								5) ( 07 J	UN /6 )
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	YMRP	. <del>-</del>	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	PARAMETRIC 10.124 -4.000 6.000	RN/L = ELEVIP = ELEVON =	1.090 .000 -5.000
		RUN NO	215/ 0	RN/L =	.00 GRAD	DIENT INTERV	/AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .155 .155	12.391 21.158 37.501 52.808	ALPHAW 10.12370 10.09576 10.09599 10.10972 0.11733 10.25625 .00000	0(PSF) 35.01630 34.96679 35.07438 35.24395 35.11158 35.25599 .00000	ALPHAO 13.83603 13.83200 13.83503 13.83503 13.80584 13.87226 .00000	CL .19774 .18372 .10985 .06467 .05015 .04613	CD .05395 .05210 .03834 .03031 .02743 .02649 .00000	CLM .14460 .14775 .16152 .17163 .17424 .17732 .00000	CY .00583 .00645 00295 00475 00764 00755	CLN 00083 00066 .00033 .00028 .00042 .00046	CSL .00387 .00372 .00097 .00073 .00062 .00048	BETA .00000 .00000 .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF216) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

									PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FT XMRF YMRF ZMRF	• • .c	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.123 -4.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 216/ 0	RN/L =	.00 GRAI	DIENT INTERV	'AL = -5.0	00/ 5.00			
MACH . 155 . 155 . 154 . 155 . 155	23.873 40.147 55.359	ALPHAW 12.12308 12.11235 12.13105 12.24828 12.26254 .00000	Q(PSF) 35.02428 34.99094 34.89002 35.29893 35.24528 .00000	ALPHA0 15.84189 15.84596 15.84596 15.93538 15.86628 .00000	CL .20359 .18822 .13654 .12378 .11576	CD .05869 .05535 .04455 .04204 .03999 .00000	CLM .16412 .16893 .18022 .18359 .18665 .00000	CY .00498 00124 00590 00851 00802 .00000	CLN 00082 00020 .00021 .00063 .00071	CSL .00294 .00165 .00081 .00060 .00051	BETA .00000 .00000 .00000 .00000 .00000
			CA-	81 K3.1TS7	H15.6.1F30TS4	0265.3.5			(TJF21	7) ( 07 JU	JN 76 )
	REFERENCI	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB. = 10RB = BDFLAP =	-2,000 6,000 6,000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 217/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155	GP 11.278 14.376 24.355 33.360 GRADIENT	ALPHAW .19433 .15181 .10514 .13637 .00000	Q(PSF) 35.21213 35.17684 35.03457 35.05206 .00000	ALPHA0 3.87202 3.85635 3.80250 3.82992 .00000	CL 19480 20306 22589 23541 .00000	CD .03547 .03547 .03537 .03504 .00000	CLM .13184 .13477 .13920 .14088 .00000	CY .01269 .01129 .00295 .00231	CLN .00059 .00080 .00077 .00025	CSL .00352 .00330 .00183 .00224 .00000	BETA .00000 .00000 .00000 .00000



DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

PAGE 807

(CA-6	11 K3.	115/HI5.	6.1F30TS402G5	.3.5

(TJF218) ( 07 JUN 76 )

	REFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LREF = EREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	YMRF	.0000	IN.YO				ALPHAW = STAB = IORB = BDFLAP =	4.059 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 218/ 0 RI	1/L = .0	O GRADIE	NT INTERVAL	= -5.00	/ 5.00			
MACH , 155 , 155 , 156 , 155 , 155	GP 11.331 13.277 23.577 38.245 53.256 GRADIENT	ALPHAW 4.05925 4.03649 4.08538 4.14406 4.07317 .00000	35.07662 7 34.98250 7 35.39991 7 35.00496 7 35.11700 7	.75747 - .75156 - .80678 - .84622 - .75353 -	.06158 .07100 .10857 .12808 .13638	.02720 .02601 .02230 .02083	CLM .13537 .14001 .14955 .15336 .15477 .00000	CY .00960 .00861 .00533 .00002 00245 .00000	CLN .03006 00007 .00024 .00032 .00034	CSL .00418 .00334 .00243 .00170 .00141	BETA .00000 .00000 .00000 .00000 .00000
			(CA-8)	(3.1TS7H15.	6.1F30T5402	G5.3.5			(TJF21	9) ( 07 JU	IN 75 )
	REFERENC	CE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF =	2690.0000 SQ.		= 1109,0000	IN.XO IN.YO				ALPHAW =	6.091	RN/L =	1.090
SCALE =	936.6800 IN. .0405							STAB = IORB = BOFLAP =	-2.000 -2.000	ELEVTR = ELEVON =	.000 -5.000
	936.6800 IN.		= 375.0000		O GRADIE	NT INTERVAL		IORB = BDFLAP =	6.000		

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

( 07 JUN 76 ) (TJF220)

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### PARAMETRIC DATA

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SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0			ALPHAW = STAB = 10RB = BDFLAP =	8.162 -2.000 000.6 000.	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO.	. 220/ 0 RN/L =	.00 GRADI	ENT INTERVAL	_ = -5.00/ 5.00			
MACH . 155 . 155 . 155 . 155 . 155	22.180 8.12518 38.071 8.12356 53.504 8.11346	Q(PSF) ALPHA0 35.12110 11.86944 35.09963 11.86944 35.06879 11.86145 35.12165 11.84148 35.26091 11.80354 35.11045 11.78158 .00000 .00000	CL .10756 .09729 .02596 00690 01979 01896 .00000	CD .03983 .03847 .02741 .02307 .02077 .01914 .00000	CLM CY .13997 .00866 .14302 .00924 .15616 .00163 .1643800168 .1670600305 .1689100599 .00000 .00000	CLN 00034 00013 .00004 .00016 .00031 .00053	CSL .00360 .00242 .00206 .00158 .00156 .00074 .00000	BETA .00000 .00000 .00000 .00000 .00000
	보통되면 보고 본 이번 살림하다			OCE 7 E		(TJF22	1) ( 07 JI	UN 76 )
		(CA-R) K3.1T5	/H15.6.1/30154L	265.5.5			7	
		(CA-B) K3.1TS	/H15.6.11301540	1260.3.5		PARAMETRIC		
	REFERENCE DATA	(CA-B) K3.1TS	/H15.6.1F30154C	1263.3.3		PARAMETRIC	DATA	1 090
SREF =	2690.0000 SO.FT XMRP	= 1109.0000 IN.XO	/H15.6.1F30F54C	200.3.0	ALPHAW = STAB =		DATA  RN/L = ELEVTR =	1.090
LREF = BREF =	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP		/H15.6.1F30154C	(CO.3.3)		PARAMETRIC	DATA RN/L =	
LREF =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 lN.X0 = .0000 lN.Y0 = 375.0000 lN.Z0			STAB = 10RB = BDFLAP =	PARAMETRIC 10.070 -2.000 5.000	DATA  RN/L = ELEVTR =	.000
LREF = BREF =	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= 1109.0000 lN.X0 = .0000 lN.Y0 = 375.0000 lN.Z0		ENT INTERVAL	STAB = 10RB = BDFLAP = L = -5.00/ 5.00	PARAMETRIC 10.070 -2.000 5.000 .000	DATA RN/L = ELEVTR = ELEVON =	.000 -5.000
LREF = BREF = SCALE = MACH	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405 RUN NO	= 1109.0000 lN.XO = .0000 lN.YO = 375.0000 lN.ZO , 221/ 0 RN/L =	.00 GRAD) CL	ENT INTERVAL	STAB = 10RB = BDFLAP = L = -5.00/ 5.00	PARAMETRIC 10.070 -2.000 5.000	DATA  RN/L = ELEVTR = ELEVON =  CSL .00381	.000 -5.000 BETA .00000
LREF = BREF = SCALE = MACH	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405 RUN NO GP ALPHAW 11.328 10.07010	= 1109.0000 lN.X0 = .0000 lN.Y0 = 375.0000 lN.Z0 . 221/ 0 RN/L = Q(PSF) ALPHAO 34.95992 13.78169 34.98438 13.78169	.00 GRADI CL .19749 .18064	ENT INTERVAL CD .05556 .05185	STAB = 10PB = BDFLAP = L = -5.00/ 5.00  CLM CY .14471 .01281 .14861 .00892	PARAMETRIC 10.070 -2.000 6.000 .000 CLN 00078 00067	DATA  RN/L = ELEVTR = ELEVON =  CSL .00381 .00349	.000 -5.000 BETA .00000
HREF = BREF = SCALE = MACH .155 .155 .155	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405 RUN NO GP ALPHAW 11.328 10.07010 12.764 10.04646 21.161 10.10239	= 1109.0000 1N.X0 = .0000 1N.Y0 = 375.0000 1N.Z0 .221/ 0 RN/L = .0(PSF) ALPHAO .34.95992 13.78169 .34.98438 13.78169 .35.21588 13.84408	.00 GRADI CL .19749 .18064 .10460	ENT INTERVAL CD .05556 .05185 .03919	STAB = 10PB = BDFLAP = L = -5.00/ 5.00  CLM CY .14471 .01281	PARAMETRIC 10.070 -2.000 5.000 .000 CLN 00078 00067 00002	DATA  RN/L = ELEVTR = ELEVON =  CSL .00381 .00349 .00172 .00161	.000 -5.000 BETA .00000 .00000
LREF = BREF = SCALE = MACH .155	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405 RUN NO GP ALPHAW 11.328 10.07010 12.764 10.04646 21.161 10.10239 37.583 10.11656	= 1109.0000 lN.X0 = .0000 lN.Y0 = .375.0000 lN.Z0 . 221/ 0 RN/L = Q(PSF) ALPHAO 34.95992 l3.78169 34.98438 l3.78169 35.21588 l3.84408 35.20549 l3.84207 35.31098 l3.82194	.00 GRADI CL .19749 .18064 .10460 .06623 .05259	ENT INTERVAL CD .05556 .05185 .03194 .03194 .02933	STAB = 10RB = BDFLAP =  L = -5.00/ 5.00  CLM CY .14471 .01281 .14861 .00892 .16083 .00192 .1722000283 .1750100408	PARAMETRIC 10.070 -2.000 5.000 .000 CLN 00078 00067 00002 .00002	DATA  RN/L = ELEVTR = ELEVON =  CSL .00381 .00349 .00172 .00161 .00074	.000 -5.000 BETA .0000 .0000 .0000
HREF = BREF = SCALE = MACH .155 .155 .155 .155	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405 RUN NO GP ALPHAW 11.328 10.07010 12.764 10.04646 21.161 10.10239 37.583 10.11656 52.761 10.12842	= 1109.0000 lN.X0 = .0000 lN.Y0 = 375.0000 lN.Z0 . 221/ 0 RN/L = Q(PSF) ALPHAO 34.95992 l3.78169 34.98438 l3.78169 35.21588 l3.84408 35.20549 l3.84207	.00 GRADI CL .19749 .18064 .10460 .06623	ENT INTERVAL CD .05556 .05185 .03919 .03194	STAB = 10PB = BDFLAP =  L = -5.00/ 5.00  CLM CY .14471 .01281 .14861 .00892 .16083 .00192 .1722000283	PARAMETRIC 10.070 -2.000 5.000 .000 CLN 00078 00067 00002	DATA  RN/L = ELEVTR = ELEVON =  CSL .00381 .00349 .00172 .00161	.000 -5.000 BETA .00000 .00000

DATE 06 JUL 76

CA-B - FORCE SOURCE DATA TABULATION

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	(CA-6)	V2.112/H12.P"	F301540265.3.5
TEEDENINE DATA			

(TJF222) ( 07 JUN 76 )

	REFERENCE	E DATA							PARAMETRI	COATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= 1	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.211 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 222/ 0	RN/L =	.00 GRAI	DIENT INTERV	'AL = -5.	00/ 5.00			
MACH , 155 , 155 , 155 , 155	23.793 1 40.100 1 55.480 1	ALPHAW 2.21083 2.19976 2.21504 2.24050 2.25111 .00000	Q(PSF) 34.97696 34.96446 35.23111 35.17046 35.09362 .00000	ALPHAO 15.93131 15.93944 15.93944 15.92928 15.84596 .00000	CL .20711 .20047 .13990 .12527 .11471 .00000	CD .05091 .05960 .04677 .04380 .04084	CLM -16580 -17317 -18114 -18495 -18707 -00000	CY .00542 .00453 00435 00273 00615 .00000	CLN 0010/2 00074 000/28 00/52 00064 00000	CSL .00362 .00265 .00117 .00099 .00069	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7H	415.6.1F30TS4	0265.3.5			(TJF22	7) ( 07 %	<del></del>
	REFERENCE	DATA									IN 76 )
SREF =	2690.0000 SQ.F	T VMOD							PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP		0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW ** STAB = IORB = BDFLAP =	.204 .000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	553/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .155	GP 11.278 14.484 24.601 33.382 GRADIENT	.17296 .12087	0(PSF) 35.38367 35.04137 34.94205 35.32923 .00000	ALPHAO 3.88083 3.86614 3.81229 3.78880 .00000	CL 19253 19957 22925 24043 .00000	CD .03580 .03587 .03586 .03582 .00000	CLM .13222 .13503 .13903 .14011 .00000	CY .01273 .01390 .00302 00098 .00000	CLN .00055 .00067 .00052 .00031	CSL .00329 .00357 .00232 .00142 .00000	BETA .00000 .00000 .00000 .00000

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GRADIENT

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### (CA-8) K3.1TS7H15.E.1F30TS402G5.3.5

( 15 JUN 76 ) (TJF224)

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### DADAMETOTO DATA

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	그는 그 얼룩 내용 하셨다.						PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMR 474.8100 IN. YMR 936.6800 IN. ZMR .0405	P = .0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	4.117 .000 6.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN N	0. 224/ 0 RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH . 155 . 155 . 155 . 155 . 155	13.318 4.09376 22.518 4.06379 38.783 4.15611	Q(PSF) ALPHAO 35.08846 7.81664 35.23145 7.81072 35.11206 7.78705 35.29364 7.85806 35.19957 7.90737 .00000 .00000	CL 04692 06434 09835 12733 13160 .00000	CD .02810 .02588 .02382 .02177 .02121	CLM .13515 .13817 .14668 .15162 .15429 .00000	CY .01303 .00905 .00624 00296 00341 .00000	CLN .00005 00007 00001 .00024 .00033 .00000	CSL .00374 .00385 .00333 .00103 .00103	BETA .00000 .00000 .00000 .00000 .00000
	시하다 보기가 들었다. 이 사람들이 일어보면 돌아가 하나 되는 말이다.	(CA-8) K3.1TS7	H15.6.1F30TS	402G5.3.5			(TJF22		IN 76 1
	REFERENCE DATA						PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	6.147 .000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO	). 225/ 0 RN/L =	.00 GRAI	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155	GP ALPHAW 11.341 6.14752 13.071 6.12445 21.838 6.11017 37.209 6.08547 53.082 6.23394	0(PSF) ALPHA0 35.02985 9.84765 34.98772 9.84369 34.99692 9.83575 34.95642 9.80006 35.16953 9.91906	CL .03031 .01336 03401 06804 07283	CD .03179 .02983 .02424 .02017 .01947	CLM .13716 .13953 .15077 .15642	CY .01623 .01250 .00613 00020	CLN 00045 .00005 00013 00004	CSL .00392 .00365 .00276 .00197	BETA .00000 .00000 .00000

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CA-8 - FORCE SOURCE DATA TABULATION

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		/CAO.	1/7	TS7H15.				_
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						1376		

(TJF226) ( 07 JUN 76 )

	REFEREN	CE DATA							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	· YMRF	? = : ` · · · · ·	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.164 .000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 226/ 0	RN/L =	.00 GRA	DIENT INTER	/AL = -5.0	00/ 5.00			
MACH -155 -155 -154 -154 -154 -155	GP 11.340 12.616 22.171 36.695 53.800 74.745 GRADIENT	ALPHAW 8.15406 8.14030 8.12754 8.12593 8.12288 8.25067 .00000	0(PSF) 35.20490 35.11941 35.11437 34.79870 34.58781 35.04054 .00000	ALPHAO 11.87742 11.87343 11.86344 11.84148 11.80354 11.88341 .00000	CL .11670 .10832 .03393 .00193 01056 01353	CD .04156 .03978 .02920 .02476 .02299 .02210 .00000	CLM .13993 .14283 .15510 .16283 .16640 .16864 .00000	CY .01104 .00961 .00258 00074 00368 00402	CLN 00043 00045 00005 .00012 .00029 .00045	CSL .00332 .00332 .00247 .00169 .00134 .00112	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	-8) K3.1TS7F	115.6.1F30TS	+0265,3.5			(TJF28	27) (07 J	UN 76 )
	REFERENC	E DATA							PARAMETRIC	DATA	
LREF = BREF =	2690.0000 SQ. 1774.8100 IN. 936.6800 IN.	YMRP	= 1	0000 IN.XO 0000 IN.YO				ALPHAW =	10.089	RN/L =	1.090
SCALE =	.0405	ZMRP	÷ 3"5.0	0000 IN.ZO				STAB = IORB = BDFLAP =	.000 6.000 .000	ELEVTR = ELEVON =	.000 -5.000
SUALE =		ZMRP RUN NO		0000 IN.ZO RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	IORB = BDFLAP =	6.000		

LREF =

BREF =

SCALE =

.00000

## (CA-8) K3.1TS7H15.6.1F30TS40265.3.5

(TJF228) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA SREF = 2590.0000 SQ.FT XMRP = 1109.0000 IN.XO ALPHAW = 12.121 RN/L = 474.8100 IN. YMRP = 1.090 .0000 IN.YO STAB = .000 936.6800 IN. ELEVTR = .000 ZMRP = 375.0000 IN.ZO IORB = 6.000 ELEVON = .0405 -5.000

BDFLAP =

.00000

PARAMETRIC DATA

	RUN NO. 228/ 0	RN/L = .00 G	RADIENT INTERVAL = -5.	BDFLAP = .000		
MACH GP .157 20.625 .157 23.811 .155 38.649 .155 55.396 .155 86.467 GRADIENT	ALPHAW 0(PSF) 12.12143 35.89058 12.10907 35.87280 12.12553 35.08538 12.26594 34.99808 12.28289 35.24894 .00000 .00000	ALPHAO CL 15.85408 .20606 15.86018 .18530 15.85205 .13998 15.95570 .12642 15.88253 .11898 .00000 .00000	CD CLM .06100 .16341 .05659 .16785 .04741 .17919 .04500 .18343 .04263 .18644 .00000 .00000	CY CLN .0067900070 .0054400056 00100 .00009 00282 .00034 00325 .00043	CSL BETA .00308 .00000 .00239 .00000 .00121 .00000 .00104 .00000 .00071 .00000	

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ILA-		A 7	1 1 5 /			411	ICLI	ODCE.	7	_

### (TJF229) ( 07 JUN 76 )

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### REFERENCE DATA

LREF BREF	==	2690.0000 474.8100 936.6800	IN.	YMRP	= 1109.0000 = .0000 = 375.0000	IN.YO			ALPHAW = IORB =	.216	RN/L ELEVON	090 000
SCALE	7	.0405							BDFLAP =	.000		

RUN	NO. 229/ 0	RN/L =	.00	GRADIENT	INTERVAL = -	F 00/ F 00
		11117 =	.00	OKADIENI	INIERVAL = -	5.00/ 5.00

MACH - 155 - 155 - 155 - 155	GP 11.278 15.039 24.993 34.005 GRADIENT	ALPHAW Q(PSF) .21575 35.32769 .16767 35.22217 .11427 35.05832 .12909 35.11678 .00000 .00000	ALPHAO CL 3.8778919842 3.8563521422 3.7976123706 3.8064223428 .00000 .00000	.03730 .03688 .03672 .03717	CLM CY .13337 .01088 .13603 .01000 .14065 .00162 .1432600037 .00000 .00000	CLN .00069 .00078 .00060 .00056	CSL .00385 .00344 .00224 .00180 .00000	BETA .00000 .00000 .00000 .00000
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## CA-B - FORCE SOURCE DATA TABULATION

	그 물에 바다 뭐 그들이는 말을 받아.							PA	AGE 813
		(CA-8)	K3.1TS7 F	30TS402G5.3.5			(TJF23	30) (07)	JUN 76 )
	REFERENCE DATA						PARAMETRIC		
SREF = LREF = BREF = SCALE =	474.8100 IN. Y	MRP = 1109.0000 MRP = .0000 MRP = 375.0000	IN.YO			ALPHAW = IORB = BDFLAP =	4.197 6.000 .000	RN/L = ELEVON =	1.090 -5.000
	RÚN	NO. 230/ 0 R	N/L = .00	GRADIENT INTE	ERVAL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP ALPHA 11.332 4.1965 14.108 4.1723 23.278 4.1355 39.430 4.0870 54.449 4.2456 GRADIENT .00009	35.21429 7 5 35.31045 7 2 35.16605 7 35.07149 7 5 35.17716 7	ALPHAO CL .89356055 .88370076 .84820108 .77916135 .91921134 .00000 .000	18 .02554 64 .02337 61 .02258 67 .02119	CLM .13667 .14058 .14918 .15307 .15603 .00000	CY .01261 .01123 .00437 00093 00480 .00000	CLN .00023 .00037 .00010 .00036 .00051	CSL .00391 .00406 .00329 .00152 .00130 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) F	K3.1TS7 F	30TS4U2G5.3.5			(TJF23	1) ( 07	UN 76 )
									514 75 7
	REFERENCE DATA						DADAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XN 474.8100 IN. YN	RP = 1109.0000 RP = .0000 RP = 375.0000	IN.YO			ALPHAW = IORB = BDFLAP =	6.094 6.000 .000	DATA RN/L = ELEVON =	1.090 -5.000
LREF = BREF =	2690.0000 SO.FT XN 474.8100 IN. YN 936.6800 IN. ZN	RP = .0000 RP = 375.0000	IN.YO	GRADIENT INTE	RVAL = -5.0	ALPHAW = IORB = BDFLAP =	6.094 6.000	RN/L =	

		(CA-	8) K3.1TS7	F30TS	40265.3.5			(TJF2	3E) ( 07 .	JUN 76 )
	REFERENCE DATA							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = 10RB = BDFLAP =	8.072 5.000 ,000	RN/L = ELEVON =	1.090 -5.000
	RUN NO	. 232/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP ALPHAW 11.340 8.07212 12.332 8.04988 22.108 8.14798 37.794 8.12738 53.368 8.15882 74.534 8.32952 GRADIENT .00000	Q(PSF) 35.12206 35.10018 35.04915 35.09448 35.24386 35.28360 .00000	ALPHAO 11.77959 11.78158 11.88142 11.84348 11.84348 11.84348 11.96731	CL .10558 .09347 .03257 09709 01502 01449 .00000	CD .03974 .03753 .02835 .02356 .02220 .02182 .00000	CLM .14012 .14265 .15858 .16494 .16804 .17046 .00000	CY .00961 .00963 .00403 00415 00504 00591	CLN 00054 00053 00023 .00018 .00029 .00045	CSL .00391 .00403 .00277 .00120 .00102 .00131	BETA .00000 .00000 .00000 .00000 .00000
	화학생님들은 시스타 사는 발학하다. 지유									
	일일하는 이번째는 내 나왔네?	ICA-8	3) K3.1TS7	F30TS	+0265.3.5			(TJF23	3) (07 J	UN 76 )
	REFERENCE DATA	ICA-E	3) K3.1TS7	F30TS	+0265.3.5			(TJF23		UN 76 1
SREF = LREF = BREF = SCALS =	REFERENCE DATA 2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.00 = :00	3) K3.1TS7 000 IN.XO 000 IN.YO 000 IN.ZO	F30TS	+0265.3.5		ALPHAW = IORB = BDFLAP =			1.090 -5.000
LREF = BREF =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= 1109.00 = .00 = 375.00	00 IN.XO		+0265,3.5 HENT INTERY	AL = -5.0	IORB = BOFLAP =	PARAMETRIC 10.131 6.000	DATA RN/L =	1.090

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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		(CA-8) K3.1TS7	F30TS402G5.3.5		(TJF234) ( D7	JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = IORB = BDFLAP =	12.131 RN/L = 6.000 ELEVON =	1.090 -5.000
	RUN NÖ	234/ 0 RN/L =	.00 GRADIENT INTERV	AL = -5.00/ 5.00		
MACH - 155 - 155 - 155 - 156	23.688	Q(PSF) ALPHAO 35.11030 15.87034 35.12626 15.87237 35.09678 15.85612 35.15651 15.97197 35.50249 15.90692 .00000 .00000	CL CD .20324 .0585! .17622 .05345 .13509 .04558 .12429 .04401 .12167 .04271 .00000 .00000	CLM CY .16599 .00689 .16859 .00306 .1805900451 .1842800483 .1872800761 .00000 .00000	CLN CSL00063 .0031800039 .00200 .00010 .00176 .00038 .00125 .00068 .00103 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1T57	H15.6.1F30TS40265.3.5		(TJF235) ( 07	JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = STAB = IORB = BDFLAP =	.234 RN/L = -2.000 ELEVIR = 6.000 ELEVON = .000	1.090 -23.000 -5.000
	RUN NO.	235/ 0 RN/L =	.00 GRADIENT INTERV	AL = -5.00/ 5.00		
MACH .155 .155 .155 .155	14.151 .18909 23.905 .14134	Q(PSF) ALPHAO 35.27990 3.90237 35.25311 3.86377 35.08002 3.83383 35.27827 3.76726 .00000 .00000	CL CD 19913 .03372 21143 .03329 23265 .03282 24759 .03297 .00000 .00000	CLM CY .13348 .00846 .13611 .01089 .14238 .00212 .1423900237 .00000 .00000	CLN CSL .00077 .00329 .00057 .00364 .00065 .00219 .00044 .00131 .00000 .00000	BETA .00000 .00000 .00000 .00000

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	한 교실 전략 한 한 한 한 한 한 보고 (CA+8)	K3.1TS7H15.6.1F30T	S402G5.3.5		(TJF236) ( 0	7 JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP = 1109.000 474.8100 IN. YMRP = .000 936.6800 IN. ZMRP = 375.000	00 IN.XO 00 IN.YO 00 IN.ZO		ALPHAW = STAB = IORB = BDFLAP =	4.036 RN/L = 2.000 ELEVTR = 6.000 ELEVON = .000	= -23.000
	RUN NO. 236/ 0	RN/L = .00 GR	ADIENT INTERVAL = -5.	00/ 5.00		
MACH .:55 .155 .155 .155	12.857 4.02030 35.07872 21.530 4.16734 35.09387 37.984 4.13809 35.04607	ALPHAO CL 7.7387406130 7.7347906933 7.8896211605 7.8403112953 7.9054014030 .00000 .00000	CLM .J2540 .13820 .02409 .14159 .02009 .14833 .01814 .15440 .01712 .15641 .00000 .00000	CY .01108 .01314 .00197 00044 00184 .00000	CLN CSL 00001 .0043 .00015 .0046 .00028 .0021 .00038 .0015 .00038 .0019	09 .00000 8 .00000 67 .00000
	(CA-8)	K3.1TS7H15.6.1F30TS	9402G5.3.5		(TJF237) ( 07	JUN 76 1
	REFERENCE DATA				PARAMETRIC DATA	0011 70 7
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP = 1109.0000 474.8100 IN. YMRP = .0000 936.6800 IN. ZMRP = 375.0000 .0405	O IN.YO		ALPHAW = STAB = IORB = BDFLAP =	6.109 RN/L = -2.000 ELEVTR = 6.000 ELEVON = .000	-23.000
	RUN NO. 237/ 0 F	RN/L = .00 GRA	DIENT INTERVAL = -5.	00/ 5.00		
MACH .155 .155 .155 .155 .155	12.317 6.08493 35.05843 9 21.287 6.05961 35.15326 9 36.789 6.08493 35.21360 9 53.026 6.24894 35.29427 9	ALPHAO CL 9.81195 .01651 9.80799 .01065 9.7881604107 9.8040207872 9.9408807897 9.8674908128 9.0000 .00000	CD CLM .02837 .13982 .02691 .14175 .02041 .15371 .01584 .16024 .01455 .16240	CY .00845 .00993 .00272 00301 00341	CLN CSL 00010 .0037 00019 .0041 00001 .0028 .00024 .0014 .00037 .0012 .00010 .0013	5 .00000 5 .00000 9 .00000 3 .00000

-.08128

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## CA-8 - FORCE SOURCE DATA TABULATION

PAGE 817

PARAMETRIC DATA

PARAMETRIC DATA

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			TS7H15	_		へいへつこち	7 5
	O 1	1/7 '	ITCTUIS	<b>F</b>	1 - 4111	ちゅいていつ	
1 L.A	ים די	NJ.			1, 00.		

( 07 JUN 76 ) (TJF238)

							Α

SREF = 2690.0000 SQ.FT XMRP LREF = 474.8100 IN. YMRP BREF = 936.6800 IN. ZMRP SCALE = .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		ALPHAW = 8.123 STAB = -2.000 IORB = 6.000 BDFLAP = .000	RN/L = 1.090 ELEVON = -23.000 ELEVON = -5.000
SOME 7	00	GRADIENT INTERVAL =	-5.00/ 5.00	

		RUN NO. 238/ 0	RN/L = .00 GR	ADTENT THIERAND - 3.	001			
MACH .155 .155 .155 .155 .155	GP 11.340 11.643 21.301 36.742 52.794 73.824 GRADIENT	ALPHAW Q(PSF) 8.12317 35.10351 8.10227 35.12228 8.08572 35.05584 8.11459 35.28600 8.17226 35.16211 8.20464 35.07942 .00000 .00000	ALPHAO CL 11 24148 .11007 11.83948 .69973 11.81952 .02726 11.8414800493 11.8694201677 11.8554602302 .00000 .00000	CD CLM .03834 .14256 .03656 .14244 .02481 .15759 .01944 .16644 .01807 .16933 .01663 .17059 .00000 .00000	CY .00816 .00965 .00555 00468 00404 00745 .00000	CLN 00034 00043 00011 00030 .00050 .00050	CSL .00364 .00405 .00274 .00177 .00141 .00098 .00000	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF239) ( 07 JUN 76 )

### REFERENCE DATA

LREF = 474.8100 IN. YMRP = BREF = 936.6800 IN. ZMRP =	1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO	ALPHAW = 10.152 STAB = -2.000 IORS = 6.000 BDFLAP = .000	RN/L = 1.090 ELEVTR = -23.000 ELEVON = -5.000
SCALE = .0405			

	RUN NO. 239/ 0	RN/L = .00 GRA	DIENT INTERVAL = -5.	00/ 5.00		
MACH GP .155 11.327 .155 12.495 .155 20.546 .155 36.854 .156 52.296 .155 80.845 GRADIENT	ALPHAW Q(PSF) 10.15199 35.06910 10.12809 35.05351 10.12118 35.03298 10.18878 35.35203 10.28034 35.39838 10.30981 35.17543 .00000 .00000	ALPHAO CL 13.88837 .19394 13.88635 .17917 13.87428 .10402 13.96287 .06163 14.05352 .05522 13.94475 .04892 .00000 .00000	CD CLM .05312 .14841 .04999 .15101 .03598 .16223 .02806 .17375 .02660 .17745 .02532 .17982 .00000 .00000	CY .01366 .01230 .00778 00222 00257 00504 .00000	CLN CSL00129 .0047200110 .0046300050 .00315 .00022 .00113 .00042 .00132 .00051 .00096	3 .00000 5 .00000 2 .00000 6 .00000

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF240) ( 07 JUN 76 )

REF	EF	REN	CE.	DATA		

שובו = 50	90.0000 SQ.FT	XMRP =	1109.0000	THE VO
_REF = 4	74.8100 IN.			
		YMRP =	,0000	IN.YO
SCALF =	36.6800 IN.	ZMRP =	375.0000	IN.70
JUALE =	HUNE			

## PARAMETRIC DATA

ALPHAW	=, +	12.091	RN/L	=	1.090
STAB	=	-2.000	ELEVTR	=	-23.000
IORB	=	6.000	ELEVON		-5.000
BDFLAP	=	.000			

RUN NU.	240/ 0 R	N/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00

						AUDICIAL TIALEL	TANT = -0'1	JU/ 5.00			
MACH .155 .155 .155 .156	24.295 39.751 55.210	ALPHAW 12.09108 12.07518 12.22070 12.33721 12.34302 .00000	0(PSF) 35.04222 35.12782 35.17188 35.44731 35.25359 .00000	ALPHAO 15.83580 15.83783 15.96384 16.05331 15.97197 .00000	CL .20722 .18398 .13189 .12733 .11523 .00000	CD .05796 .05245 .04155 .04081 .03811	CLM .16579 .17113 .18206 .18660 .18869 .00000	CY .00738 .00459 -00195 -00364 00651 .00000	CLN 00095 00063 00011 .00051 .00080	CSL .00359 .00318 .00189 .00124 .00089	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

### (TJF241) ( 07 JUN 76 )

### REFERENCE DATA

aner = 2690,0000	SQ.FT XMRP	= 1109.0000 IN.XO
LREF = 474.8100		
		= .0000 IN.YO
BREF = 936.6800	IN. ZMRP	
SCALE = .0405	-,	= 375.0000 IN.ZO

ALPHAW	=	.204	RN/L	=	1.090
CTAD					
STAB	=	-2.000	ELEVTR	=	-23.000
LODD					50.000
IORB	=	8.000	ELEVON	= -	-5.000
DDC: 40					J. 000
BDFLAP	=	.000			

PARAMETRIC DATA

# RUN NO. 241/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW 0(PSF) ALPHAO CL 155 11.278 .20384 35.19052 5.9075607345 155 14.327 .16080 35.11687 5.8908708993 155 24.085 .11708 35.34434 5.8437311094 155 33.000 .12674 35.08899 5.8466711672 GRADIENT .00000 .00000 .00000	CD CLM .03301 .13711 .03247 .13943 .03079 .14481 .03102 .14600 -	CY CLN CSL .01158 .00004 .004 .0121100002 .003 .00139 .00030 .002 00055 .00036 .001 .00000 .00000 .000	93 .00000 72 .00000 79 .00000
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DATE 06	JUL 76	CA-8	- FORCE SOL	JRCE DATA	TABULATION					Р	AGE 819
			€CA-	-8) K3.1TS	7H15.6.1F30T9	540235.3.5			(TJF2	+2) (07	JUN 76 )
	REFERENC	E DATA							PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690,0000 SQ. 474.8100 IN. 936.6800 IN. .0405	YMRP	=	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.127 -2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	. 242/ 0	RN/L =	.00 GRA	ADIENT INTER	VAL = -5.	00/ 5.00			
MACH .156 .156 .155 .155	12.755 22.097	ALPHAW 4.12728 4.11557 4.08433 4.03791 4.18944 .00000	0(PSF) 35.43085 35.51339 35.34154 35.03144 34.74373 .00000	ALPHAO 9.86749 9.86749 9.83972 9.77428 9.90319 .00000	CL .07531 .05772 .02017 00821 00849 .00000	CD .03517 .03290 .02878 .02629 .02644 .00000	CLM .14366 .14445 .15482 .15890 .16130 .00000	CY .00964 .01020 00085 00023 00609	CLN 00041 00019 .00005 .00027 .00058 .00000	CSL .00471 .00311 .00274 .00203 .00090	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K3.1TS7	H15.6.1F30TS	402G5.3.5			(TJF24	3) (07.	JUN 76 )
	REFERENCE	E DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ.f 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.143 -2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	. 243/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.0	0/ 5.00			
MACH .156 .156 .156	GP 11.341 12.365 21.308 37.264	ALPHAW 6.14310 6.11753 5.96664 6.16274	0(PSF) 35.65884 35.63850 35.53891 35.03699	ALPHAO 11.88941 11.88341 11.85745 11.83749	CL .15253 .14528 .08823 .05760	CD .04400 .04317 .03507 .03127	CLM .14674 .14923 .15965 .16635	CY .01159 .01162 .00259 00106	CLN 00060 00055 00046 .00016	CSL .00447 .00366 .00344 .00159	BETA .00000 .00000 .00000

(CA-8) K3.1TS7H15.6.1F30TS40265.3.5

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### REFERENCE DATA

### PARAMETRIC DATA

SREF =	2690.0000 50.	FT XMRP	- 1100.00						I WOVER THAT	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= ,000 = 375,000	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = IORB = BOFLAP =	8.137 -2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
MACH		RUN NO.	244/ 0	RN/L =	.00 GF	RADIENT INTERVA	AL = -5.0	00/ 5.00			
. 156 . 156 . 156 . 155 . 154 . 155	GP 11.340 11.758 21.232 37.113 52.582 73.768 GRADIENT	8.11013 8.12236 8.21128 8.19390	35,50617 1 35,46298 1 35,01313 1 34,93181 1	ALPHAO 3.88837 3.88434 3.89642 3.96489 3.92058 3.95482 .00000	CL .22942 .22640 .15148 .12703 .11467 .11030	CD .05965 .05916 .04476 .04108 .03916 .03839	CLM .15167 .15242 .16562 .17603 .17735 .17908	CY .00662 .00813 00070 00251 00488 00817 .00000	CLN 00087 00090 00022 .00001 .00034 .00066	CSL .00370 .00371 .00229 .00143 .00054 .00053	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

## (TJF245) ( 07 JUN 76 )

.00000

.00000

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN VO		PARAMETRIC DATA	
CREF = 474.8100 IN. YMRP = .0000 IN.XO  BREF = 936.6800 IN. ZMRP = .0000 IN.YO  SCALE = .0405	ALPHAW = STAB = IORB = BDFLAP =	10.104 RN/L = -2.000 ELEVTR = 8.000 ELEVON = .000	1.090 -23.000 -5.000
	VAL = -5.00/ 5.00		
MACH GP ALPHAW Q(PSF) ALPHAO CL CD	CLM CY	CLN CCI	DE 4

- 1 - 1 - 1	55   11.838 56   20.737 55   37.145 54   52.561 54   84.141   GRADIENT	10.07752 35.45483 10.26322 35.41576 10.21500 35.14248 10.20654 34.86901 10.30160 34.75694 .00000 .00000	15.86831 15.87034 15.96384 15.98417 15.93944 15.91912 .00000	.31875 .30695 .23921 .19242 .17910 .17535 .00000	.08169 .07959 .06455 .05567 .05246 .05163 .00000	.15724 .15792 .17608 .18502 .18779 .19009	.00697 .00797 .00796 00424 00459 00617	00165 00162 00108 .00034 .00076 .00055	.00480 .00481 .00337 .00108 .00067 .00055	.00000 .00000 .00000 .00000 .00000
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SCALE =

### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

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(TJF246)

REFERENCE DATA		PARAMETRIC DATA	
2690.0000 SQ.FT XMRP = 1109.0000 474.8100 IN. YMRP = .0000 936.6800 IN. ZMRP = 375.0000 .0405	IN.YO	ALPHAW = 12.217 RN/L STAB = -2.000 ELEVTF 10RB = 8.000 ELEVOT BDFLAP = .000	

		RUN NO. 21	46/ 0 RN/L =	.00 GRADIENT INTER	VAL = -5.00/5.00			
.156 .155 .155 .154	20.549 12. 23.868 12. 39.939 12. 55.403 12. 84.100 12.	21740 35.4 20804 35.4 21972 35.2 24194 34.9 25241 34.8	(PSF) ALPHAO 41205 18.00777 47081 18.01599 21502 17.9955 97462 17.98311 93345 17.91325 00000 .00000	.33210 .09218 .30995 .08670	CLM CY .17889 .00590 .18268 .00080 .193240055 .1972900490 .1997500590 .00000 .00000	000072 7 .00043 8 .00063 00081	CSL .00298 .00280 .00102 .00094 .00060 .00000	BETA .00000 .00000 .00000 .00000

(CA-8) K3.1TS7	F30TS402G5.3.5		(TJF247)	( 07 JUN 76
	. 50,5,0005.5.5		(1.15~4/1	1 11 / . (138) / [~

o series de substitut <b>REFERENCE</b> : <b>DATA</b> fino de combination de la combination del combination della		PARAMETRIC	DATA	
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = 10RB = BDFLAP =	.185 8.000 .000	RN/L = ELEVON =	1.090 -5.000
HANGE (HANGE TELL LENGTHE LENGTHE HELD LENGTHE LENGTHE LENGTHE LENGTHE LENGTHE LENGTHE LENGTHE LENGTHE LENGTHE				

	RUN NO. 247/ 0	RN/L = .00 GR	RADIENT INTERVAL	= -5.00/ 5.00			
MACH GP -155 11.278 -155 12.560 -155 14.901 -155 24.940 -155 25.500 -155 33.863 	.15500 35,37055 .14044 35,39325 .11532 35,28367 .08258 35,24652	ALPHAO CL 5.8761406894 5.8692607770 5.856500853 5.8191810423 5.7946310622 5.8221211057 .00000 .00000	.03656 .03583 .03595 .03570 .03596	CLM CY .13403 .01256 .13524 .01015 .13693 .01010 .14139 .00432 .14186 .00233 .1433600164 .00000 .00000	CLN .00030 .00039 .00018 .00031 .00023 .00019	CSL .00419 .00405 .00449 .00262 .00232 .00161	BETA .00000 .00000 .00000 .00000 .00000

CA-8 - FORCE SOURCE DATA TABULATION

	지수 있는 이번 이번 가장 하는 시간 중요 요. 기가 있다. 기가 있는 것은 사람들이 되었다.	(CA-8) K3.1T57	F30T540	265.3.5			(TJF24	B) ( 07 JU	N 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO			1	ALPHAW = ORB = BDFLAP =	4.176 8.000 .000	RN/L = ELEVON =	1.090 -5.000
	RUN NO	. 248/ 0 RN/L =	.00 GRAD	IENT INTERV	AL = -5.00/	5.00			
MACH - 155 - 155 - 154 - 154	GP ALPHAW 11.331	Q(PSF) ALPHAO 35.28243 9.90914 35.28793 9.90121 35.16122 9.86550 34.83180 9.80006 34.92995 9.86352 .00000 .00000	CL .07797 .06211 .01961 .00190 00128	CD .03797 .03613 .03215 .03122 .03113 .00000	CLM .13959 .14377 .15101 .15602 .15772 .00000	CY .00716 .00768 .00241 00576 00721 .00000	CLN -,00036 00044 00036 .00051 .00048 .00000	CSL .00427 .00414 .00339 .00133 .00097 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	F30TS4	0265.3.5			(TJF24	9) ( 07 JU	N 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO			1	ALPHAW = IORB = BDFLAP =	6.162 8.000 .000	RN/L = ELEVON =	1.090 -5.000
	RUN NO	. 249/ 0 RN/L =	.00 GRAD	IENT INTERV	AL = -5.00	5.00			
MACH . 155 . 155 . 155 . 154 . 154	13.503 6.14513 22.335 6.11118 24.103 6.10540 38.278 6.08036 54.084 6.28897	Q(PSF) ALPHAO 35.16881 11.90139 35.20752 11.89540 35.13549 11.86944 35.10791 11.86145 34.77578 11.81752 34.775218 11.94333 34.89405 11.84947 .00000 .00000	CL .15690 .13767 .08890 .08462 .06181 .05839 .05583	CD .04732 .04408 .03784 .03805 .03492 .03502 .03447 .00000	CLM .14405 .14770 .15619 .15826 .16263 .16604 .16609	CY .00523 .00472 .00008 00197 00531 00760 00771	CLN 00029 00053 00033 .00014 .00060 .00025	CSL .00336 .00363 .00252 .00284 .00156 .00114 .00114	BETA .00000 .00000 .00000 .00000 .00000 .00000

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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			(CA	(-8) K3.1TS7	F30TS	40265.3.5			(TJF2		JUN 76 1
	REFERENCE	DATA							PARAMETRI	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRF YMRF ZMRF	' =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IORB = BDFLAP =	8.199 8.000 .000	RN/L = ELEVON =	1.090 -5.000
	. 배 기계의 병 경제 된 생각되고 결혼하다.	RUN NO	. 250/ 0	RN/L ≑	.00 GRAI	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .156 .156 .155 .155 .154	13.021 8 22.543 8 38.314 8 53.892 8	ALPHAW 8.19851 8.16928 8.15133 8.12908 8.24529 8.19206 .00000	Q(PSF) 35.58048 35.49086 35.42953 35.12050 34.94855 35.06649 .00000	ALPHAO 13.95280 13.94676 13.92461 13.88233 13.96891 13.86220	CL .23556 .22097 .15947 .12559 .11923 .11502 .00000	CD .06178 .05937 .04858 .04416 .04353 .04238	CLM .14917 .15220 .16444 .17181 .17405 .17548 .00000	CY .00835 .00512 00046 00565 00990 00986 .00000	CLN 00115 00069 00044 .00018 .00079 .00085	CSL .00402 .00324 .00276 .00103 .00038 .00054	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-81 K3.1TS7	F30TS4	0265.3.5			(TJF25	D (07 J	UN 76 )
	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IORB = BDFLAP =	10.114 8.000 .000	RN/L = ELEVON =	1.090 -5.000
		RUN NO.	251/0	RN/L =	.00 GRAD	IENT INTERV	'AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .154 .155	11.327 10 12.743 10 21.546 10 37.980 10	.09237 .07212 .16642	0(PSF) 35.26867 35.22757 35.23169 34.91560 35.12395	ALPHAO 15.87847 15.87237 15.86018 15.92928 16.00857	CL .31581 .29302 .2827 .19652 .18835	CD .08264 .07782 .06491 .05897 .05809	CLM .15415 .15675 .17121 .18184 .18500	CY .00793 .00559 .00203 00543 00870	CLN 00146 00144 00074 .00034 .00064	CSL .00405 .00455 .00237 .00084 .00039	BETA .00000 .00000 .00000 .00000

DATE UE	JUL /B	CA-8 - FORCE S	OURCE DATA	TABULATION						
	REFERENCE DA		A-8) K3.1TS	7 F30Т	S40265.3.5			ITJFE		'AGE 824 JUN 76 )
SREF =	2690.0000 SQ.FT	XMRP = 1100	.0000 IN.XO					PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP =	0000 IN.X0 0000 IN.Y0				ALPHAW = IORB = BDFLAP =	8.5.51 000.8 000.	RN/L = ELEVON =	1.090 -5.000
		RUN NO. 252/ 0	RN/L =	.00 GR	ADIENT INTE	RVAI = -5	00/ 5.00			
MACH - 155 - 155 - 155 - 155	20.584 12.2 23.498 12.19 40.025 12.20 55.200 12.22 89.849 12.30	35.20260 350 35.16611 2004 35.02767	ALPHAO 17.99955 18.00366 17.98311 17.96256 17.93790 .00000	CL .32248 .31007 .26442 .25739 .25280 .00000	CD .09156 .08856 .07887 .077842 .07647	CLM .17517 .18025 .19047 .19399 .19762 .00000	CY -00162 -00021 -00671 -00706 -00747	CLN 00077 00078 .00028 .00074 .00095	CSL .00240 .00245 .00127 .00073 .00035	BETA .00000 .00000 .00000 .00000
		(CA	-8) K3.1TS7H	115.6.1F30TS	40265.3.5			(TJF25	<b>3</b> 3 ( 07 )	INI 70
	REFERENCE DAT	A								UN 76 )
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	TMRP = .0	0000 IN.X0 0000 IN.Y0 0000 IN.Z0				ALPHAW = STAB = 10RB = BDFLAP =	.182 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
MACH	GP ALPI			.00 GRAD	DIENT INTER	VAL = -5.0	0/ 5.00			
155 155 155 154	11.278 .182 14.304 .134 24.352 .130 33.206 .148 GRADIENT .000	206 35.22402 94 35.06847 940 34.95934 978 34.87461	ALPHA0 5.88792 5.86828 5.86141 5.86730 .00000	CL 06728 08587 10365 11240 .00000	CD .03460 .03387 .03373 .03336 .00000	CLM -13581 -13772 -14308 -14474 -00000	CY .00859 .00671 .00237 00214	CLN .00017 .00023 .00040 .00025	CSL .00427 .00319 .00212 .00133 .00000	BETA .00000 .00000 .00000 .00000

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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	1TS7H15.			

( 07 JUN 76 )

	REFERENCE DA	ATA							PARAMETRIC	DATA	
SREF = LREF = BF.TF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. ,0405	XMRP YMRP ZMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB IORB = BDFLAP =	4.155 .000 8.000 .000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO.	254/ 0	RN/L =	.00 GRA	DIENT INTERV	'AL = -5.0	00/ 5.00			
MACH 155 155 156 156 155	11.331 4.1 13.528 4.1 22.796 4.1 38.907 4.1 53.849 4.2	3404 0632 7402	0(PSF) 35.09452 35.05255 35.42931 35.52277 35.36701 .00000	ALPHAO 9.89526 9.88931 9.86749 9.91906 9.93493	CL .07414 .06335 .02214 00277 00544 .00000	CD .03689 .03544 .03146 .02947 .02883 .00000	CLM .14059 .14380 .15246 .15670 .15875 .00000	CY .00822 .00733 .00203 00563 00510 .00000	CLN 00023 00003 .00003 .00034 .00050	CSL .00383 .00325 .00287 .00112 .00105	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K3.1TS7H	15.6.IF30TS	402G5.3.5			(TJF25	51 (07 J	UN 76
	REFERENCE DA	\TA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	REFERENCE DA 2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	PARAMETRIC 6.113 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 ~5.000
LREF = BREF =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP	= .0 = 375.0	000 IN.YO	.00 GRA	DIENT INTERV	/AL = -5.(	STAB = IORB = BDFLAP =	6.113 .000 8.000	RN/L = ELEVTR =	.000

## (CA-8) K3.1TS7H15.5.1F30TS402G5.3.5

(TJF256) ( 07 JUN 76 )

				1,11				
R	FFF	RF	VCF	DATA				

SREF =	2690.0000 SQ.	FT XMRF	) = lino n						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRF ZMRF	· =	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.174 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
****		RUN NO	256/ 0	RN/L =	.00 G	RADIENT INTER	RVAL = -5.	.00/ 5.00			
MACH .155 .155 .155 .155 .156	GP 11.340 12.697 22.081 38.063 53.534 74.728 GRADIENT	ALPHAW 8.17370 8.15000 8.13927 8.18787 8.18713 8.25973 .00000	0(PSF) 35.08619 35.10036 35.33097 35.33155 35.20404 35.43775 .00000	ALPHAO 13.92461 13.92260 13.91857 13.91475 13.91253 13.93669 .00000	CL .24010 .22678 .16159 .12567 .12267 .11834 .00000		CLM .14978 .15348 .16556 .17295 .17634 .17750	CY .00807 .00967 .00027 00496 00721 00614 .00000	CLN 00118 00098 00007 .00013 .00082 .00080	CSL .00398 .00383 .00209 .00092 .00048 .00071	BETA .00000 .00000 .00000 .00000 .00000
			(CA-8	) K3. TS7H	115.6.1F30	rs40265.3.5			(TJF25	7) ( 07 JUN	176 )

SREF		CO ET							PARAMETRIC	DATA	
LREF BREF SCALE	= 474.8100 = 936.6800	IN. IN.	XMRP = YMRP = ZMRP =	1109.0000 .0000 375.0000	IN.YO			ALPHAW = STAB = IORB = BDFLAP =	10.184 .000 8.000	RN/L ELEVTR ELEVON	1.090 .000 -5.000

								.000		
		RUN NO. 257/ 0	RN/L =	.00 GRAD	IENT INTERVA	NL = -5.0	00/ 5.00			
MACH - 155 - 155 - 155 - 155 - 155 - 155	GP 11.327 12.764 21.692 38.029 53.441 85.122 GRADIENT	ALPHAW Q(PSF) 10.18355 35.17877 10.15990 35.17671 10.15944 35.20498 10.17241 35.18644 10.25144 35.12850 10.33351 35.35072 .00000 .00000	ALPHAO 15.93538 15.93944 15.94351 15.93334 15.97197 15.97197	CL .32236 .30076 .24125 .19264 .18569 .18592 .00000	CD .08417 .07965 .06702 .05779 .05662 .05650	CLM .15514 .15862 .17313 .18223 .18551 .18873 .00000	CY .00758 .00813 .00263 00379 00662 00504 .00000	CLN 00124 00136 00063 .00068 .00062 .00078	CSL .00364 .00394 .00206 .00090 .00088 .00033 .00000	BETA .00000 .00000 .00000 .00000 .00000

DATE 06 JUL 76

.155

. 155

. 155

. 155

11.277

13.946

23.997

32.856

GRADIENT

REFERENCE DATA

.13736

.09443 .13694 .12253

.00000

Q(PSF)

35.13360

35.24796

35.16415

35.37636

.00000

ALPHAO

5.83685

5.82114 5.86435 5.84275

CL

-.06718

-.08837

-.10641

-.11664

.00000

1000000

CA-8 - FORCE SOURCE DATA TABULATION

PAGE 827

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.	-5	
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(TJF258) ( 07 JUN 76 )

CSL .00436

.00402

.00173

.00000

BETA

-00000

20000

2000

.00000

.00000

	REFERENCE	. DATA						PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936,6800 IN. .0405	T XMRP YMRP ZMRP	= 1109.0000 IN.XC = .0000 IN.YC = 375.0000 IN.ZC				ALPHAW = STAB = IORB = BDFLAP =	12.229 000. 000.8	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO.	258/ 0 RN/L =	.00	GRADIENT INTER	VAL = -5.1	00/ 5.00			
MACH .155 .156 .155 .156	23.953 1 39.942 1 55.437 1	2.14062 2.15782 2.25800	Q(PSF) ALPHAO 35.06976 17.98722 35.40764 17.92557 35.16364 17.91735 35.48976 17.98311 35.45623 17.97078 .00000 .00000	.331 .319 .266 .256	322 .09011 510 .07866 594 .07655 394 .07612	CLM .17622 .18092 .19141 .19550 .19962 .00000	CY .00160 .00605 .00017 00398 00531	CLN 00087 00074 .00016 .00072 .00117 .00000	CSL .00279 .00204 .00127 .00086 .00033	BETA .00000 .00000 .00000 .00000 .00000
			(CA-8) K3,1TS	7H15.6.1F	30TS40265.3.5			(TJF25		N 70 1
	REFERENCE	DATA								N 76 )
SREF =	2690.0000 SQ.F1	T XMRP	- 1100 0000					PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0				ALPHAW = STAB = IORB = BOFLAP =	.137 -4.000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	259/ 0 RN/L =	.00	GRADIENT INTERV	/AL = -5.0	0/ 5.00			
MACH	GP	ALPHAW	Q(PSF) ALPHAO	CI	CD.		<b>0</b> V			

CD

.03381

.03340

.03212

03228

.00000

CLM

.13592 .13724

.14349

.14428

.00000

CY

.01203

.00863

-.00054

-.00310

.00000

CLN

.00018

.00057 .00018

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF260) ( 07 JUN 76 )

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### PARAMETRIC DATA

ALPHAW = 4.181 RN/L = 1.090

SREF = 2690.0000 SQ.FT XMI LREF = 474.8100 IN. YMI BREF = 936.6800 IN. ZMI SCALE = .0405	RP = .0000 IN.YO		ALPHAW = 4.181 STAB = -4.000 IORB = 8.000 BDFLAP = .000	ELEVON = $-5.000$
RUN I  MACH GP ALPHAW .156 11.332 4.18088 .155 13.415 4.16031 .155 22.682 4.13416 .156 38.781 4.11921 .155 53.728 4.19773 GRADIENT .00000	Q(PSF) ALPHAO 9 35.56168 9.92105 35.25040 9.91113 35.26734 9.88534 35.41638 9.85162 -	GRADIENT INTERVAL =  CL CD CLM  07223 .03588 .140  .05961 .03454 .145  .02047 .03019 .151  .00403 .02810 .157  .00778 .02766 .00000 .000	016 .007780001 95 .00352 .0000 72300423 .0002 88900556 .0005	2 .00354 .00000 6 .00260 .00000 6 .00114 .00000 8 .00112 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF261) ( 07 JUN 76 )

### REFERENCE DATA

GRADIENT

### PARAMETRIC DATA

SREF = 2690.0000 SQ. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = .0	000 IN.XO 000 IN.YO 000 IN.ZO		ALPHAW = STAB = IORB = BDFLAP =	6.166 RN/L = -4.000 ELEVTR = 8.000 ELEVON = .000	1.090 .000 -5.000
	RUN NO. 261/ 0	RN/L = .00	GRADIENT INTERVAL =	-5.00/ 5.00		
MACH GP .155 11.341 .155 12.793 .156 21.908 .156 37.780 .155 53.431 .156 63.921	ALPHAW 0(PSF) 6.16652 35.21874 6.13737 35.08400 6.11722 35.48080 6.20423 34.47115 6.17631 35.22747 6.26188 35.555949	ALPHA0 CL 11.90538 .165 11.88941 .136 11.87942 .0876 11.95132 .0645 11.89540 .054 11.95931 .0586	49 .04299 .14 29 .03607 .15 55 .03308 .16 44 .03231 .16 30 .03227 .16	CY 628 .00934 760 .00510 755 .00235 47400377 68700517 82400853 000 .00000	CLN CSL00063 .003900033 .003500005 .0024 .00042 .0012 .00066 .0009 .00070 .0006	0 .00000 0 .00000 1 .00000 9 .00000

(TJF262)

## CA-B - FORCE SOURCE DATA TABULATION

(CA-01	V	15.5.	1F30TS402G5.3.5	

									PARAMETRIC	DATA	
	REFERENC	E DATA								RN/L =	1.090
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN 936.6800 IN	. YMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.149 -4.000 8.000 .000	ELEVTR = ELEVON =	.000 -5.000
		RUN NO	. 262/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .156 .156	GP 11.340 12.180 21.562 37.533 53.027 74.208 GRADIENT	ALPHAW 8.14864 8.12438 8.11087 8.20487 8.19907 8.27034 .00000	Q(PSF) 35.03520 35.26511 35.14215 35.45509 35.42029 35.16941 .00000	ALPHAO 13.89441 13.89642 13.88635 13.96287 13.92461 13.94676 .00000	CL .23908 .2664 .16132 .12839 .11805 .11600	CD .06194 .05954 .04761 .04257 .04099 .04055	CLM .15039 .15316 .16598 .17363 .17640 .17781 .00000	CY .01212 .00671 .00168 00534 00235 00675 .00000	CLN 00098 00078 00028 .00033 .00042 .00060	CSL .00419 .00338 .00233 .00141 .00109 .00071	DETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7F	115.6.1F30TS	0265.3.5			(TJF26	3) (07 J	UN 76 )
									PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	REFEREN 2690.0000 S0 474.8100 IN 936.6800 IN	I. YMRI	⊃ = .	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 1 ORB = BDFLAP =	10.156 -4.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
JUALL -		RUN N	o. 263/ O	RN/L =	.00 GRAI	DIENT INTER	/AL = -5.	00/ 5.00			
MACH .156 .155 .155 .156 .155	12.409 21.302 37.669 53.066	ALPHAW 10.16597 10.14390 10.13489 10.14919 10.23695 10.30073 .00000	0(PSF) 35.42543 35.27762 35.22140 35.44346 35.37229 35.43305	ALPHAO 15.92318 15.92521 15.92115 15.91708 15.96790 15.94757 .00000	CL .31712 .30533 .23436 .18993 .18364 .18075 .00000	CD .08263 .07996 .06512 .05622 .05534 .05448 .00000	CLM .15590 .15851 .17342 .18227 .18616 .18896	CY .00946 .00862 .00036 00391 00306 00694 .00000	CLN 00145 00125 00009 .00022 .00083 .00094 .00000	CSL .00423 .00396 .00205 .00108 .00069 .00043 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF264) ( 07 JUN 76 )

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#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	YMRP	=	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAN STAB IORB BDFLAP	= -4.000 = 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	. 264/ 0	RN/L =	.00	GRADIENT I	NTERVAL =	-5.00/ 5.0	0		
MACH .155 .155 .156 .156	GP 20.590 23.934 39.961 55.424 97.771 GRADIENT	ALPHAW 12.16252 12.14558 12.16434 12.18572 12.33433 .00000	Q(PSF) 35.17462 35.22181 35.47129 35.46839 35.19225 .00000	ALPHA0 17.92557 17.92968 17.93379 17.91735 17.92968	CL .3296 .3080 .2650 .2483 .2501	8 .087 9 .076 5 .073 4 .073	00 .1 91 .1 64 .1	M CY 7543 .004 7955 .004 9176002 9491002 9904003	2400047 71 .00026 54 .00064 47 .00085	7 .00216 6 .00155 .00098 6 .00061	BETA .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF265) ( 08 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 8	2690.0000 SC 474.8100 IN	 MRP =				ALPHAW =	11.591	RN/L =	1.090
BREF =	936.6800 11	MRP =	375.0000	IN.YO		STAB = IORB =	-4.000 8.000	ELEVTR = ELEVON =	.000 -5.000
SCALE =	.0405					BDFLAP =	.000	EEEVOIT -	-5.000

# RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH = .155					
GP ALPHAW 20.581 12.17180 GRADIENT .00000	0(PSF) ALPHA0 35.36102 17.95845 .00000 .00000	CD .07440 .00000	CLM CY .1957700300 .00000 .00000	CLN CSL .00077 .00078 .00000 .00000	

DATE 05 JUL 76

MACH

. 155

. 155

. 155

. 155

.156

GP.

11.332

13.611

22.870 38.979

53.915

GRADIENT

ALPHAW

4.18669 4.15868

4.14236

4.20607

4.16281

.00000

Q(PSF)

35.19843

35.12005

35.36405

35.28912

35.40527

.00000

#### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

CL

.07300

.02438

.00011

.00000

-.00328

**ALPHAO** 

9.92303

9.91311

9.89526

9.94088

9.87740

.00000

PAGE 831 ( 07 JUN 76 )

(TJF266)

CSL

.00405

.00378

.00136

.00123

.00000

BETA

.00000

.00000

.00000

.00000

.00000

.00000

REFERENCE DATA		PARAMETRIC DATA	
SREF = 2690,0000 SQ.FT XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = STAB = 10RB = BDFLAP =	.092 RN/L = -2.000 ELEVTR = 8.000 ELEVON = .000	1.090 .000 -5.000
RUN NO. 266/ 0 RN/L = .00 GRADIENT INTERVAL # -5	5.00/ 5.00		
MACH GP ALPHAW Q(PSF) ALPHAO CL CD CLM .155 11.276 .09192 35.14060 5.9172107988 .03433 .13538 .155 13.970 .13459 35.17685 5.8682808206 .03407 .13863 .155 24.006 .17907 35.28636 5.9095310907 .03347 .14274 .156 32.866 .11722 35.48110 5.8417611489 .03332 .14468 .00000 .00000 .00000 .00000 .00000 .00000 .000000 .00000 .00000 .00000 .00000	01211 + .00287 00254	CLN CSL .00033 .00391 .00023 .00322 .00040 .00209 .00036 .00127 .00000 .00000	BETA .00000 .00000 .00000 .00000
REFERENCE DATA		(TJF267) ( 07 JUI	N 76 )
<u> 어린 경기를 되었는 방법을 하다면 모든 모든 없는 그렇게 하지 않는 것을 하는 것이 모든 모든 것이다. 그렇게 하는 것이다. 그렇게 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면 되었다면</u>		PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT	ALPHAW = STAB = 10RB = BDFLAP =	4.187 RN/L = -2.000 ELEVTR = 8.000 ELEVON = .000	1.090 .000 -5.000
RUN NO. 267/ 0 RN/L = .00 GRADIENT INTERVAL = -5	5.00/ 5 00		

CD

.03693

.03514

.03138

.02864

.02859

.00000

CLM

.14107

.14497

. 15244

.15743

.15962

.00000

CY

.00968

.00730

.00828

-.00370

-.00365

.00000

CLN

-.00028

-.00028 -.00020 -.00040 .00035 .00045

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF268) ( 07 JUN 76 )

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#### PARAMETRIC DATA

SREF =	2690.0000 sq.	ET YMDE							PARAME IRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRF ZMRP	= = 375.(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.100 -2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 268/ 0	RN/L =	.00 GR	ADIENT INTERV	AL = -5.	00/ 5.00			
MACH - 155 - 155 - 155 - 155 - 155 - 155	GP 11.341 12.673 21.786 37.654 53.322 63.784 GRADIENT	ALPHAW 6.09989 6.08402 6.11921 6.17567 6.23037 6.18539 .00000	0(PSF) 35.10103 35.11739 35.18047 35.35357 35.324171 35.32676	ALPHA0 11.83549 11.84148 11.88341 11.92336 11.94933 11.87742 .00000	CL .15796 .15185 .08903 .06481 .05932 .05341 .00000	CD .04731 .04624 .03704 .03395 .03352 .03260 .00000	CLM .14575 .14874 .15817 .16553 .16749 .16752	CY .00745 .01181 .00091 00383 00476 00522 .00000	CLN 03053 00088 00002 .00029 .00044 .00042 .00000	CSL .00433 .00452 .00287 .00137 .00088 .00102	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF269) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT	XMRP = 1109 0000			PARAMETRIC DATA	
LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = .0000 ZMRP = 375.0000	IN.YO	ALPHAW = STAB = IORB = BDFLAP =	8.172 RN/L = -2.000 ELEVTR = 8.000 ELEVON = .000	1.090 .000 -5.000

	MON NO. 5987 0	RN/L =	.00 GRADIENT INTERVAL = -5.00/ 5.00	
MACH GP .155 11.340 .155 12.444 .155 21.838 .155 37.809 .155 53.304 .156 74.495 GRADIENT	ALPHAW 0(PSF) 8.17161 35.25356 8.13812 34.99672 8.12892 35.25278 8.19445 35.32637 8.20045 35.31628 8.26465 35.42061 .00000 .00000	ALPHA0 13.90850 13.90447 13.90045 13.94877 13.91454 13.93065 .00000	22306 05977 15552 00075 00076 00324 00000	

PAGE 833 CA-8 - FORCE SOURCE DATA TABULATION DATE 06 JUL 76 (TUF270) ( 07 JUN 76 ) (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA 1.090 ALPHAW = 10,130 RN/L = XMRP = 1109.0000 IN.XO SREF = 2690.0000 SQ.FT ELEVTR = .000 -2.000 STAB = YMRP = .0000 IN.YO LREF = 474.8100 IN. -5.000 IORB = ELEVON = 8.000 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO .000 BDFLAP = SCALE = .0405 .00 GRADIENT INTERVAL # -5.00/ 5.00 RUN NO. 270/ 0 RN/L = CSL BETA CLN ALPHAO CL CD CLM Q(PSF) MACH ALPHAN .00000 .00390 -.00162 15.87034 .32070 .08380 .15486 .01286 35.22001 11.327 10.12962 . 155 .00000 .00383 .15902 .00808 -.00137 .30799 .08089 35.18383 15.87237 . 155 12.406 10.10751 .00000 -.00033 .00222 .00274 .06548 .17250 .23414 10.10434 35.15853 15.87440 . 155 21.307 .00101 .00000 .18230 -.00426 .00042 35.22060 15.93944 .19250 .05764 . 155 10.18804 37.661 .00000 .00055 .00089 -.00364 10.20497 10.28851 .00000 15.92521 .18533 .05602 .18568 35.58854 .156 53.079 .00000 .00069 .00064 .05535 .18857 -.00506 35.49197 15.92115 .18046 84.747 .156 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT (TJF271) ( 07 JUN 76 ) (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5 PARAMETRIC DATA REFERENCE DATA XMRP = 1109.0000 1N.XO 1.090 ALPHAW = 12.184 RN/L = 2690.0000 SQ.FT SREF = ELEVTR = .000 -2.000 STAB = YMRP = .0000 IN.YO LREF 474.8100 IN. -5.000 ZMRP = 375.0000 IN.ZO 10RB = 8.000 ELEVON = 936.6800 IN. BREF = .000 BDFLAP = SCALE = .0405 .00 GRADIENT INTERVAL = -5.00/ 5.00 RN/L = RUN NO. 271/ 0 CSL BETA CLN **ALPHAO** CD CLM ALPHAW Q(PSF) MACH .00000 .00333 -.00126. 33294 .09411 .17554 .00690 17.92968 . 155 20.602 12.18399 35.18836 .00000 -.00067 .00222 .18107 .00562 .31547 .08937 .155 12.17298 35.34242 17.93790 23.928 .00136 .00000 -.00221 .00031

.26471

.25412

.25628

17,93790

17.92146

17,93379

.00000

35.46019

35.24419

35.27510

.00000

39.960

55.415

97.760

GRADIENT

.155

.155

12.18791

12.20997

12.35868

.00000

.07799

.07548

.07588

.00000

.19126

.19430

.19997

.00000

-.00357

-.00491

.00000

.00061

.00094

.00000

.00000

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.00098

.00069

#### (CA-8) K3.1TS7H15.6.1F30TS402G5.3.5

(TJF272) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

그 <u>게 되는 하는 것이 없는 것들은 것</u> 없는 그를 하는 것이 되었다. 그런 그런 사람들이 되는 것이 없는 것이 없는 것이다.	PARAMETRIC DATA
SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO	BETA = .000 RN/L = 1.090
BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	STAB = -2,000 ELEVTR = .000 IORB = 8.000 ELEVON = -5.000
	BDFLAP = .000 GP = 54.000
RUN NO. 272/ 0 RN/L = .00 GRADIENT INTERVAL	= +5.00/ 5.00
MACH         ALPHAW         BETA         Q(PSF)         ALPHAO         CL         CD           .155         4.377         .00000         35.28277         9.89922        00074         .02875           .155         6.444         .00000         35.12014         11.94134         .05062         .03379           .156         8.482         .00000         35.44106         13.96287         .12199         .04298           .155         10.476         .00000         35.10665         15.93538         .18603         .05653           .155         12.539         .00000         35.25544         17.97489         .25717         .07643           GRADIENT         .000         .00000         .00000         .00000         .00000         .00000	CLM CY CLN CSL 1598700510 .00057 .00117 1676600475 .00048 .00124 1767200187 .00033 .00140 1865900465 .00065 .00088 .1964600214 .00041 .00105 00000 .00000 .00000 .00000
(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5	(TJF273) ( 07 JUN 76 )
REFERENCE DATA	PARAMETRIC DATA
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = .208 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 IOR9 = 8.000 ELEVON = -5.000 BDFLAP = -11.700
RUN NO. 273/ 0 RN/L = .00 GRADIENT INTERVAL	= -5.00/ 5.00
.155 14.419 .15965 35.22960 5.9517607385 .00917 .155 24.483 .11514 35.04625 5.9036409275 .00917 .155 33.369 .17732 35.08268 5.9596209763 .00908	CLM CY CLN CSL BETA 12832 .00127 .00098 .00431 .00000 13018 .00176 .00086 .00413 .00000 1359800523 .00053 .00281 .00000 1378600832 .00011 .00198 .00000 00000 .00000 .00000 .00000 .00000

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### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

PAGE 835

( 07 JUN 76 )

	REFERENCE DATA		PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP = 1109.0000 IN.X0 474.8100 IN. YMRP = .0000 IN.Y0 936.6800 IN. ZMRP = 375.0000 IN.ZO .0405	ALPHAW = STAB = IORB = BDFLAP =	4.170 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO. 274/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP         ALPHAW         Q(PSF)         ALPHAO         CL         CD         CLM           11.331         4.16978         35.04202         9.96271         .09242         .01246         .13193           13.417         4.14721         35.13502         9.95874         .08297         .01096         .13641           22.6655         4.12115         34.98891         9.93295         .03738         .00763         .14483           38.786         4.14861         35.17541         9.94684         .01353         .00605         .15070           53.725         4.23338         35.29065         10.01033         .00777         .00547         .15319           GRADIENT         .00000         .00000         .00000         .00000         .00000         .00000         .00000	CY .00547 .00151 00288 00699 00875 .00000	CLN .00042 .00039 .00020 00053 00015	CSL .00464 .00375 .00278 .00182 .00151	BETA .00000 .00000 .00000 .00000 .00000
	(CA-8) K3.1TS7H15.6.1F30TS40165.3.5		(TJF27	5) (07 JU	IN 76 )
	REFERENCE DATA		PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 \$0.FT XMRP = 1109.0600 IN.XO 474.8100 IN. YMRP = .0000 IN.YO 936.6800 IN. ZMRP = 375.0000 IN.ZO .0405	ALPHAW = STAB = IORB = BDFLAP =	6.144 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO. 275/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155	GP         ALPHAW         Q(PSF)         ALPHAO         CL         CD         CLM           11.341         6.14375         35.08444         11.94333         .17834         .02273         .13528           12.877         6.10518         34.92329         11.92935         .16011         .02040         .13793           21.989         6.10054         35.14456         11.92136         .10653         .01417         .14843           37.856         6.14965         34.91389         11.95532         .07883         .01144         .15730           64.002         6.21091         35.14036         11.97530         .07019         .01073         .16145           GRADIENT         .00000         .00000         .00000         .00000         .00000         .00000	CY .00327 .00240 00396 00834 00870	CLN 00034 00011 00038 00037 00027	CSL .00419 .00338 .00258 .00152 .00147	BETA .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF276) ( 07 JUN 76 )

			U12.0.1F30137				CIOPE	0,	ז מיז אוכ
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO				ALPHAW = STAB = IORB = BOFLAP =	8.179 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO	). 276/ 0 RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155 .156	GP ALPHAW 11.340 8.17937 12.524 8.16119 21.932 8.14827 37.878 8.15270 53.377 8.24323 74.585 8.26207 GRADIENT .00000	Q(PSF) ALPHA0 35.11950 13.98503 35.08879 13.98503 35.03840 13.97697 35.11251 13.96086 35.34574 14.02531 35.48034 13.99913 .00000 .00000	CL .26327 .24656 .18203 .14761 .13787 .13501 .00000	CD .03816 .03538 .02591 .02160 .02053 .01981 .00000	CLM .13883 .14115 .15490 .16432 .16798 .16981	CY .00263 .00081 00190 00673 00843 00941	CLN 00082 00051 00044 00052 .00006 00008	CSL .00381 .00341 .00281 .00207 .00120 .00134 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	H15.6.1F30TS4	0165.3.5			tTJF27	7) ( 07 JI	JN 76 )
REFERENCE DATA									
	REFERENCE DATA								
SREF = LREF = BREF = SCALE =	REFERENCE DATA 2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF	0X.N1 0000.000 = 0				ALPHAW = STAB = 10RB = BDFLAP =			1.090 .000 -5.000
LREF = BREF =	2590.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		IENT INTERV	AL = -5.0	STAB = IORB = BDFLAP =	PARAMETRIC 10.178 -2.000 8.000	DATA  RN/L = ELEVTR =	1.090

DATE OF JUL 76

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	(CA-8) K3.1TS7H15.6.1F30TS40165.3.5							(TJF27	8) ( 07 J	UN 76	
	REFERENCE DAT	ГА							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	YMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.184 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	278/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .156 .155	20.609 12.18 23.936 12.17 39.963 12.19 55.439 12.21 97.786 12.39	7514 3 3623 3 1449 3	Q(PSF) 55.17209 55.16174 55.44841 55.03552 55.08789 .00000	ALPHA0 17.99133 17.99955 18.00777 17.98722 18.03244 .00000	CL .36618 .34359 .29152 .2750 .27507 .00000	CD .07108 .06642 .05640 .05317 .05395 .00000	CLM .16332 .16830 .18040 .18413 .18926 .00000	CY .00128 00087 00880 00921 00810 .00000	CLN 00165 00084 00030 .00011 .00030	CSL .00337 .00201 .00122 .00088 .00069	BETA .00000 .00000 .00000 .00000 .00000
			(CA-E	3) K3.1TS7H	15.6.1F30TS4	01G5.3.5			(TJF27	9) ( 07 J	UN 76 )
	REFERENCE DAT	ΓA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	YMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.160 -4.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	,	RUN NO.	279/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155	11.277 .16 14.036 .11 24.101 .13 32.972 .14	1549 3 3709 3	0(PSF) 5.22868 5.19837 5.08700 5.14114 .00000	ALPHA0 5.92917 5.91248 5.93114 5.93899 .00000	CL 06291 06652 09799 10254 .00000	CD .00878 .00894 .00846 .00873 .00000	CLM .12918 .13105 .13597 .13761 .00000	CY .00521 .00226 00580 00586 .00000	CLN .00097 .00094 .00027 .00002	CSL .00458 .00453 .00281 .00243	BETA .00000 .00000 .00000 .00000

### (CA-8) K3.1TS7H15.6,1F30TS40165.3.5

(TJF280) ( 07 JUN 76 )

DEFECTION D. T.			(13) (13) (13)	N 75 )
REFERENCE DATA			PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT XMRP = LREF = 474.8100 IN. YMRP = BREF = 936.6800 IN. ZMRP = SCALE = .0405	1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO	ALPHAW = STAB = IORB = BOFLAP =		1.090 .000 -5.000

	RUN NO. 280/ 0	RN/L =	00 GRADIENT INTER	RVAL = -5.0	0/ 5.00	-11.700		
MACH GP .155 11.331 .155 13.180 .155 22.455 .155 38.573 .155 53.509 GRADIENT	ALPHAW 0(PSF) 4.14098 35.16944 4.11639 35.16233 4.09186 35.05646 4.20697 35.12805 4.17857 35.27649 .00000 .00000	ALPHA0 9.93890 9.93295 9.90716 10.01033 9.95874 .00000	CL CD .08712 .01136 .07683 .01021 .03741 .00733 .01495 .00559 .00792 .00547 .00000 .00000	CLM .13239 .13643 .14528 .15166 .15388 .00000	CY .00247 .00000 00539 00891 00924 .00000	CLN .00034 .00028 .00012 00037 00005	CSL .00490 .00372 .00266 .00142 .00139	BETA .00000 .00000 .00000 .00000 .00000
	(CA-	B) K3 1757H15	6 IFTATCHOIGE 7 E					

## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF281) ( 07 JUN 76 )

PARAMETRIC DATA

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT XMRP =	1109.0000 IN.XO	
LREF = 474.8100 IN. YMRP =	.0000 IN.YO	ALPHAW = 6.199 RN/L = 1.090
BREF = 936.6800 IN. ZMRP =	.0000 IN. IO	STAB = $-4.000$ ELEVTR = $.000$
SCALE = .0405	212.0000 IN.20	10RB = 8.000 ELEVON = -5.000
그렇게 되었는데 그리고 그들에게 즐겁지 않는데 그리고 하는데 되었다.		BDFLAP = -11.700

#### RUN NO. 281/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.155 11.341 .155 13.021 .155 22.114 .154 37.976 .155 53.636 .155 64.123 GRADIENT	ALPHAW Q(PSF) 6.19889 35.12555 6.17195 35.12063 6.15404 34.96621 6.13201 34.83110 6.21909 35.14250 6.24320 35.27342 .00000 .00000	ALPHAO CL 11.99528 .1771 11.99128 .1601 11.97729 .1100 11.93534 .0764 12.00327 .0718 12.00526 .6689 .00000 .0000	1 .01998 .13775 3 .01403 .15020 3 .01122 .15758 4 .01055 .16048 8 .00965 .16206	CY CLN .0043000026 .00095000060034300037008350003101010000050110800018 .00000 .00000	CSL .00421 .00367 .00334 .00158 .00134 .00120	BETA .2000 .0000 .0000 .0000 .0000 .0000
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CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF282) ( 07 JUN 76 )

	REFEREN	CE DATA							PARAMETRI		JOIN 76 7
SREF # LREF = BREF = SCALE =	2690.0000 SO 474.8100 IN 936.6800 IN .0405	· YMRF	, =	0000 IN.X0 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.128 -4.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 282/ 0	RN/L =	.00 GRAI	DIENT INTERV	AL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP 11.340 12.144 21.525 37.489 53.002 74.191 GRADIENT	ALPHAW 8.12765 8.10140 8.16051 8.16267 8.24154 8.25922 .00000	Q(PSF) 35.18486 35.12488 35.06268 35.06729 35.32686 35.18697 .00000	ALPHA0 13.93266 13.93065 13.99510 13.97697 14.02531 13.99308 .00000	CL .25881 .24972 .18433 .14753 .13999 .13699 .00000	CD .03765 .03565 .02596 .02149 .02008 .01973 .00000	CLM .14032 .14141 .15619 .16486 .16888 .17082	CY .00314 .00367 00391 00720 00895 01094 .00000	CLN 00079 00084 00049 00034 .00000 .00005	CSL .00400 .00429 .00240 .00169 .00123 .00110	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7F	(15.6.IF30TS4	0165.3.5			(TJF28	ער דו האר ביי אוד. אור דו דו אודי אודי אודי אודי אודי אודי אוד	JN 76 )
	REFERENC	E DATA							PARAMETRIC		SIN 70 1
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	YMRP	=	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10-137 -4.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 283/ 0	RN/L =	.00 GRAD	IENT INTERVA	NL = -5.0	30/ 5.00			
MACH - 155 - 155 - 155 - 154 - 155 - 156	12.197 21.125 37.449 52.871	ALPHAW 10.13719 10.10914 10.10770 10.16053 10.17682 10.30650 .00000	0(PSF) 35.30007 35.20519 35.09542 34.73848 35.23203 35.38759 .00000	ALPHAO 15.94351 15.94351 15.94351 15.97197 15.95977 16.00857	CL .34447 .33663 .26438 .21992 .20276 .20071	CD .05795 .05614 .04308 .03641 .03365 .03266	CLM .14478 .14594 .16175 .17322 .17655 .17998	CY .00560 .00329 00313 00790 00711	CLN 00170 00134 00054 00028 .00002	CSL .00458 .00451 .00722 .00133	BETA .00000 .00000 .00000 .00000 .00000

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### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF284) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

					- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
SREF = 2590.0000 9 LREF = 474.8100 BREF = 936.6800 SCALE = .0405		00, IN,XO 00, IN,YO 00, IN,ZO		ALPHAW = STAB = IORB = BDFLAP =	12.159 -4.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN NO. 284/ 0	RN/L = .00 GR	ADIENT INTERVAL = -	-5.00/ 5.00			
MACH GP .155 20.594 .155 23.917 .155 39.936 .156 55.435 .156 97.763 GRADIENT	12.13989 35.04841 1 12.16459 34.98958 1 12.23856 35.39067 1	ALPHA0 CL 7.96256 .36442 7.96667 .33483 7.97078 .28964 8.01188 .27537 7.97900 .27718 .00000 ,00000	CD CLM .07008 .1625 .06416 .1665 .05541 .1811 .05274 .1852 .05312 .1896 .00000 .0000	00008 600694 2100909 8800899	CLN 00126 00106 00033 .00012 .00041 .00000	CSL .00272 .00264 .00138 .00097 .00072	BETA .00000 .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

#### (TJF285) : 07 JUN 76 )

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#### REFERENCE DATA

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GRADIENT

#### PARAMETRIC DATA

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575 500,0000 HV. 708P # 475 HIBBI IN 70		000 000 090
.155 14.097 .12338 35.05320 5.9213106410 .00978 .12629 .00541 .00153 .155 24.150 .15289 35.08418 5.9488209571 .00872 .1331400406 .00101 .156 33.033 .19621 35.41966 5.90302 .00571 .00872 .1331400406 .00101	.00388 .00 .00 15500.	TA 10000 10000 10000

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	TON O	-r-1	13/013.0.	IF30TS401G5.3.5

(TJF286) ( 07 JUN 76 )

	REFERENC	CE DATA							PARAMETRI	CDATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	YMRF	) = (i	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.113 .000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	286/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.	00/ 5.00			
MACH .155 .155 .155 .155	GP 11.331 13.282 22.573 38.655 53.618 GRADIENT	ALPHAW 4.11262 4.08430 4.14403 4.10516 4.21324 .00000	0(PSF) 35.21354 35.09969 35.12366 35.30689 35.24990	ALPHAO 9.91113 9.89724 9.96271 9.91113 9.99247 .00000	CL .09055 .07693 .04135 .01181 .00949 .00000	CD .0:224 .0:104 .00803 .00658 .00607 .00000	CLM .13046 .13357 .14293 .15012 .15320	CY .00240 .00102 00384 00935 01218	CLN .00023 .00043 .00029 00031 00002	CSL .00487 .00367 .00241 .00196 .00140	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	-81 K3.1TS7	H15.6.1F30TS	+01G5.3.5			(TJF28	37) (N7.)	UN 76 )
	REFERENC	E DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405		= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAN = STAB = IORB = BDFLAP =	6.125 .000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 287/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	00/ 5.00			
MACH - 156 - 155 - 155 - 155 - 156	3P 11.341 12.819 21.946 37.799 53.463 63.971 GRADIENT	ALPHAW 6.12473 6.09758 6.15792 6.14451 6.22045 6.27445 .00000	0(PSF) 35.42848 35.06380 35.26652 35.15481 35.18383 35.41195	ALPHA0 11.93135 11.91936 11.98529 11.95532 12.00526 12.03723 .00000	CL .17403 .15973 .10899 .08375 .07328 .07366 .00000	CD .02232 .02057 .01454 .01240 .01161 .01119	CLM .13475 .13787 .14924 .15730 .16062 .16618 .00000	CY 00011 .00034 00189 00976 00961 01199 .00000	CLN 00011 00034 00030 00033 00006 00009	CSL .00421 .00384 .00342 .00195 .00123 .00122	BETA .00000 .00000 .00000 .00000 .00000

(CA-8) K3.1TS7H15.6.1F30TS40165.3.5

(TJF288) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

어느 그렇게 그는 사람이 되었다면 하는 얼마 없어 나를 하는 것이 하는 것이 되었다면 하는 것이 없는 것이 없는 것이 없다면 하는 것이 없다면 하는데 없다면 하는데 하는데 되었다면 하는데 되었다면 하는데 하는데 하는데 하는데 되었다면 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데		TANANETHIC DATA	
SREF = 2690.0000 50.FT	ALPHAW = STAB = 10RB = BDFLAP =	8.199 RN/L = .000 ELEVTR = 8.000 ELEVON = -11.700	1.090 .000 -5.000
RUN NO. 288/ 0 RN/L = .00 GRADIENT INTERVAL = -5.0	00/ 5.00		
MACH GP ALPHAW Q(PSF) ALPHAO CL CD CLM 155 11.340 8.19856 35.15742 14.00114 .26628 .03905 .13976 155 12.712 8.17297 35.14261 13.99913 .24621 .03548 .14224 155 22.099 8.16611 35.34500 13.99913 .18470 .02620 .15511 155 38.080 8.16707 34.98659 13.97496 .15154 .02258 .16461 156 53.567 8.16176 35.37176 13.94475 .13368 .01968 .16694 155 74.763 8.23374 35.33394 13.96891 .13747 .02013 .16995 GRADIENT .00000 .00000 .00000 .00000 .00000	CY .00267 .00278 00531 00877 01045 01046	CLN CSL00068 .0037000058 .0036200039 .0026600053 .0020800004 .0009300011 .00134 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000
(CA-8) K3.1TS7H15.6.1F30TS40165.3.5		(TJF289) ( G7 JU	1 76 )
REFERENCE DATA		PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.5800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = STAB = IORB = BCFLAP =	10.130 RN/L = .000 ELEVIR = 8.000 ELEVON = -11.700	1.090 .000 -5.000
PUN NO 2897 D PART - CO CRAPTER WITH			

## RUN NO. 289/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

. 155 . 155 . 155 . 155 . 155	GP ALPHA 11.327 10.1298 12.414 10.1019 21.327 10.1527 37.674 10.1678 53.078 10.1794 84.756 10.3185 GRADIENT .0000	35.05277 4 35.07295 3 35.23000 5 35.40033 3 35.20493 3 35.34685	15.92928 .33336 15.98417 .25926 15.98417 .21819	CD . 05983 . 05598 . 04256 . 03661 . 03466 . 03355 . 00000	CLM CY .14444 .00270 .14522 .00476 .1613700510 .1733000776 .1767800958 .1793101051 .00000 .00000	CLN 00146 00146 00055 00034 .00015 .00006	CSL .00425 .00424 .00157 .00121 .00073 .00084	BETA .00000 .00000 .00000 .00000 .00000
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DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS40165.3.5

PAGE 843

(TUF290) ( 07 JUN 76 )

	REFEREN	ICE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	, YMRP	= 1109.0000 1N.X0 = .0000 1N.Y0 = 375.0000 1N.Z0				ALPHAW = STAB = 10RB = BDFLAP =	12.171 .000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 290/ 0 RN/L =	.00 GRAI	DIENT INTERV	VAL = -5.0	00/ 5.00			
MACH .154 .155 .154 .155 .155	23.959 39.964 55.447	ALPHAW 12.17091 12.16184 12.18330 12.20362 12.36843 .00000	0(PSF) ALPHA0 34.79718 17.97489 35.15338 17.98722 34.93000 17.98722 35.33237 17.97900 35.34906 18.00366 .00000 .00000	CL .36126 .34067 .29517 .27494 .27631 .00000	CD .06963 .06587 .05731 .05352 .05347 .00000	CLM .16238 .16800 .18110 .18452 .18913 .00000	CY .00620 00196 00800 00668 00951 .00000	CLN 00208 00124 00045 00005 .00033	CSL .00437 .00277 .00149 .00101 .09070	BETA .00000 .00000 .00000 .00000 .00000
			(CA-8) K3.1TS7	F30TS	10165.3.5			(TJF29	11) ( 07 J	UN 76 1
	REFEREN	ICE DATA	(CA-8) K3.1TS7	F30TS <sup>i</sup>	10165.3.5			(TJF29		UN 76 )
SREF = LREF = BREF = SCALE =	REFEREN 2690.0000 SO 474.8100 IN 936.6800 IN .0405	I.FT XMRP	(CA-8) K3.1TS7  = 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0	F30TS <sup>Q</sup>	+0165.3.5		ALPHAW = IORB = BDFLAP =			UN 76 ) 1.090 -5.000
LREF = BREF =	2690.0000 S0 474.8100 IN 936.6800 IN	I.FT XMRP	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		401G5.3.5 DIENT INTERV	VAL = -5.(	IORB = BDFLAP =	PARAMETRIC .231 8.000	DATA  RN/L =	1.090

									,
		(CA-8) K3.1T57	F30TS40	165.3.5			(TJF29	32) ( 07 JL	JN 75 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO				ALPHAW = 10RB = BDFLAP =	4.088 8.000 -11.700	RN/L = ELEVON =	1.090 -5.000
	RUN NO	. 292/ 0 RN/L =	.00 GRADII	ENT INTERVA	L = -5.0	0/ 5.00			
MACH - 155 - 155 - 154 - 154 - 155	GP ALPHAW 11.331 4.08838 14.457 4.05682 22.903 4.02564 39.155 4.15273 54.075 4.26768 GRADIENT .00000	Q(PSF) ALPHAO 35.11776 9.89724 35.05187 9.88335 34.92508 9.85360 34.92949 9.96469 35.12765 10.05796 .00000 .00000	CL .08964 .07133 .04054 .01789 .01176 .00000	CD .01249 .01033 .00815 .00778 .00702	CLM .13155 .13651 .14451 .15065 .15283 .00000	CY 00046 .00000 00545 00789 +.01128	CLN .00048 .00019 .00000 00014 00019	CSL .00446 .00453 .00313 .00212 .00142	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	F30TS401	165.3,5			tTJF29	31 ( 07 JU	N 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S0.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW = IORB = BDFLAP =	6.232 8.000 -11.700	RN/L = ELEVON =	1.090 -5.000
	살아 아니랑 전 나는 이 이번째 아이	. 293/ 0 RN/L =	.00 GRADIE	NT INTERVAL	. <b>=</b> -5.00	)/ 5.00			
MACH - 156 - 155 - 154 - 155 - 155	GP ALPHAW 11.341 5.23160 13.797 6.20532 22.995 6.17734 38.704 6.13962 54.401 6.11522 64.978 6.30888 GRADIENT .00000	0(PSF) ALPHA0 35.42663 12.04323 35.03717 12.003124 35.13907 12.00926 34.96213 11.96131 35.17826 11.90738 35.24527 12.07720 .00000 .00000	CL .18048 .16025 .11076	CD .02306 .02033	CLM .13487 .13937 .14837 .15661 .15960 .16057	CY 00132 .00321 00661 01008 01041 01277	CLN 00009 00022 00030 00040 00017 00007	CSL .00374 .00515 .00276 .00175 .00160 .00123	BETA .00000 .00000 .00000 .00000 .00000

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DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

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7117 75	· · · · · · · · · · · · · · · · · · ·	, 0 200 0	30E/11 1011			
		(CA-8) K3.1TS7	F30TS401G5.3.5		(TJF294) ( 07 J	JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		ALPHAW = IORB = BDFLAP =		1.090
	RUN NO	2947 0 RN/L =	.00 GRADIENT INTE	RVAL = +5.00/ 5.00		
MACH , 157 , 156 , 157 , 154 , 155 , 155	38.148 8.10261 53.862 8.26566	0(PSF) ALPHA0 35.88585 13.98704 35.82376 13.98905 36.03918 13.97496 34.89911 13.92058 35.02636 14.06359 35.40592 13.95683 .00000 .00000	CL CD .26018 .03728 .24146 .03390 .18389 .02625 .14400 .02143 .14069 .02130 .13550 .02015 .00000 .00000	CLM CY .13709 .00357 .14091 .00122 .1554100611 .1630001072 .1671801194 .1690501328 .00000 .00000	00030 .00248 00037 .00140 .00009 .00103 .00010 .00116	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	F30TS401G5.3.5		(TJF295) ( 07 C	IUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0		= WAHQJA = BROI = QAJCB	8.000 ELEVON =	1.090 -5.000
	RUN NO	295/ 0 RN/L =	.00 GRADIENT INTE	RVAL = -5.00/ 5.00		
MACH .155 .155 .155 .154 .155	GP ALPHAW 11.327 10.14119 13.814 10.10911 21.813 10.22361 38.099 10.22106 53.669 10.23540 85.258 10.27205 GRADIENT .20000	Q(PSF) ALPHA0 35.12620 15.95570 35.09130 15.95164 35.07824 16.06958 34.82983 16.04517 35.35157 16.02483 35.15345 15.91505 .00000 .00000	CL CD .34874 .05856 .31661 .05238 .25987 .04314 .22050 .03711 .20629 .03499 .20007 .03331	CLM CY .14312 .00468 .1475500248 .1617200410 .1722700690 .1759301098 .1779401351	CLN CSL00170 .0052300108 .0035000070 .0023500051 .00186 .00007 .00103 .00013 .00076 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000

PAGE 846

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(TJF296) ( 07 JUN 76 ) F30TS401G5.3.5 (CA-8) K3.1TS7 REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XOALPHAW = 1.090 12.141 RN/L = LREF = 474.8100 IN. YMRP = .0000 IN.YO IORB = 8.000 ELEVON = -5.000 ZMRP = 375.0000 IN.ZO BDFLAP = BREF = 936.5800 IN. -11.700SCALE = .0405 RUN NO. 296/ D RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) ALPHAO CL CD CY CLM. 20.589 12.14151 .35793 -.00209 -.00113 .00237 .00000 . 154 34.96247 17.97078 .06838 .16091 .155 23.849 12.13216 34.96932 17.97078 .33107 .06321 .16585 -.00679 -.00063 .00190 .00000 , 155 40.322 12.18593 35.21995 .29450 -05719 .17990 -.01035 -.00019 .00132 .00000 18.01599 -.00877 -.01150 .155 55.330 12.27357 35.09122 18.06122 .27651 .05436 .18416 -.00008 .00110 .00000 97.816 12.27266 .000000 .156 35,42775 .18805 .00036 .00075 17.92557 .27567 .05305 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1T57H15.6.1F30TS401G5.3.5 (1JF297) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA .263 RN/L = SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO ALPHAW = 1.090 LREF = 474.8100 IN. YMRP = .0000 IN.YO STAB = -2.000 ELEVTR = -23.000 BREF = ZMRP = 375.0000 IN.ZO8.000 ELEVON = -5.000 936.6800 IN. 10RB = SCALE = .0465 BDFLAP = -11.700RUN NO. 297/ 0 RN/L = .00 GRADI\_NT INTERVAL = -5.00/ 5.00 GP MACH CSL BETA ALPHAW Q(PSF) CY CLN ALPHAO CL CD CLM -.05839 .00835 .00456 .00000 11.279 . 12945 .00111 . 155 .26270 35.34766 6.04803 .00317 .00440 .00000 . 155 14.372 35.38004 -.07074 .13169 .00405 .00074 .21801 6.03133 .00799 .00270 .00000 .155 , 16503 .00765 . 13626 .00043 24.370 35.21198 5.97534 -.09494 -.00485 .155 .00219 33.253 .09460 35.07726 5,89676 -.10169 .00804 .13813 -.00793 .00013 .00000

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GRADIENT

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6.20841

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GRADIENT

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### (CA-8) K3.1TS7H15.6.1F30TS401G5.3.5

(TJF300) ( 07 JUN 76 )

						10103.3.5			1101 31	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	JOIL 10
	REFEREN	ICE DATA							PARAMETRIO	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S0 474.8100 IN 936.6800 IN	. YMRI	> ₃	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = F.DFLAP =	8.209 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	0. 300/ 0	RN/L =	.00 GRA	DIENT INTERV	'AL = -5.	00/ 5.00			
MACH .155 .155 .154 .154 .154	12.216 22.133 37.619 53.332	ALPHAW 8.20941 8.18326 8.16419 8.15327 8.19800 8.13760 .00000	0(PSF) 35.24102 35.18249 34.90780 34.54843 34.47594 35.08923 .00000	ALPHAO 14.03337 14.02733 14.00718 13.97697 14.01927 13.91857 .00000	CL .25938 .24951 .18391 .14472 .13733 .13019 .00000	CD .03635 .03485 .02447 .01930 .01837 .01670 .00000	CLM .14002 .14256 .15644 .16481 .16844 .16967	CY .00035 .00231 00585 00924 00903 01281 .00000	CLN 00059 00078 00068 00046 .00006	CSL .00343 .00386 .00326 .00194 .00153 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7H	115.6.1F30TS	401G5.3.5			(TJF30	11) ( 07 3	IUN 76 )
	REFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO 474.8100 IN 936.6800 IN .0405	. YMRF	> ±	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 109B = BOFLAP =	10.143 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	301/0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.1	00/ 5.00			
MACH .155 .155 .155	GP 11.327 13.019 20.810 37.598	ALPHAW 10.14258 10.11915 10.11666 10.18925	Q(PSF) 35.05235 34.94515 35.15175 34.99801	ALPHA0 15.97197 15.96790 15.96790 16.02483	CL .34557 .32304 .26371 .21602	CD .05714 .05258 .04178 .03401	CLM .14478 .14716 .16177	CY .00426 .00102 00167 01020	CLN 00169 00113 00097 00034	CSL .00503 .00363 .00283	BETA .00000 .00000 .00000

DATE 06 JUL 76

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F30TS40165.3.5

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(TJF302) ( 07 JUN 76 )

				C				

SREF	=	2690.0000	SQ.FT	XMRP	=	1109.0000	IN. XO
LREF	*	474.8100	IN.	YMRP	=	.0000	IN.YO
BREF	=	936.6800	IN.	ZMRP	=	375.0000	IN. ZO
SCALE	=	0405					

#### PARAMETRIC DATA

<u>.</u>	ALPHAM STAB LORB RDFL AP	=	12.252 -2.000 8.000	RN/L ELEVIR ELEVON	1.090 1.090 23.000 1.000
E	BOFLAP	*	-11.700		

	RUN NO.	. 302/ 0	RN/L =	.00	GRADIENT INTERVA	L = -5.00/ 5.0	U
MACH GP		Q(PSF)		CL .360a	CD 24 .06874	CLM CY .16370002	53 -

.156 2 .155 4 .155 5	P0.560 23.791 0.018 55.257 07.763 DIENT	ALPHAW 12.25231 12.26786 12.23560 12.25568 12.31657 .00000	0(PSF) 35.69344 35.67769 35.21007 35.05472 35.37506 ,00000	ALPHA0 18.13525 18.13114 18.07767 18.05299 17.99544 .00000	CL .36024 .33493 .28813 .27617 .27494	CD .06874 .06345 .05417 .05174 .05078 .00000	CLM .16370 .16837 .18987 .18566 .18943 .00000	CY 00253 00330 00793 00773 00906 .00000	CLN 00161 00116 00066 00015 .00003	CSL .00377 .00269 .00159 .00133 .00107	BETA .00000 .00000 .00000 .00000 .00000
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(CA-8) K3.1757H15.6.1F10TS402G5.3.5

(TUF303) | 07 JUN 76 | 1

#### REFERENCE DATA

1. XO
1.YO 1.ZO
1.20
. =
PHAO

## PARAMETRIC DATA

ALPHAW =	.255	RN/L *	1.030
STAB =	-2.000	ELEVTR =	-23.000
IORB =	8.000	ELEVON =	-5.000
BOFLAP =	.000		

	RUN NO. 303/ 0	PN/L =	.00 GRADIENT INTERVAL = -5.	0.007 5.00	
MACH GP .155 11.279 .155 14.997 .155 24.941 .155 33.886 GRADIENT	ALPHAW 0(PSF) .25548 34.97760 .20729 34.97033 .15496 35.08663 .08055 35.17385 .00000 .00000	ALPHA0 5.94783 5.92917 5.87515 5.79856 .00000	CL CD CLM .08604 .04927 .10381 .08887 .04885 .10335 .09359 .04882 .10221 .09051 .04799 .10137 .00000 .00000 .00000	00067 .00047 .0047 .00 00182 .00952 .00335 .00 00725 .00058 .00246 .00	FA 0000 0000 0000 0000

#### (CA-8) K3.1757H15.6.1F10T5402G5.3.5

(TJF304) ( 07 JUN 76 )

	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO			S 1	LPHAH = TAB = CRB = DFLAP =	4.075 -2.000 8.000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	. 304/ 0 RN/L =	.00 GRADI	ENT INTERVA	L = -5.00/	5.00			
MACH .155 .155 .155 .154 .154	GP ALPHAW 11.331	Q(PSF) ALPHA0 35.27487 9.79411 35.23167 9.78419 35.08491 9.73859 34.90066 9.75246 35.00459 9.80600 .00000 .00000	CL .22037 .21664 .20590 .20421 .20416 .00000	CD .05825 .05751 .05686 .05645 .05633 .00000	.1116;	CY .00265 .00515 00261 00703 00894 .00000	CLN 00559 00556 0009 .00024 .00037 .00000	CSL .00502 .00561 .00346 .00156 .00135	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	H15.6.1F10TS40	265.3.5			tTJF30	5) ( 07 J	UN 76 )
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0			S II	LPHAW = TAB = ORB = OFLAP =	6.050 -2.000 8.000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	. 305/ 0 RN/L =	.00 GRADI	ENT INTERVA	L → -5.00/	5.00			
MACH .155 .155 .155 .155 .155	GP ALPHAW 11.341 6.06019 21.533 5.97814 37.417 6.13438 53.329 6.13921 63.659 6.20108 GRADIENT .00000	0(PSF) ALPHA0 35.07987 11.76950 34.99825 11.71172 34.94993 11.85745 35.17970 11.84547 35.14053 11.89739 .00000 .00000	CL .28174 .26568 .26626 .26347 .26507 .00000	CD .06914 .06677 .06721 .06637 .06650	.12072	CY .00551 00019 00795 00924 01074 .00000	CLN 00109 00065 00002 .00042 .00043	CSL .00582 .00384 .00211 .00162 .00109	BETA .00000 .00000 .00000 .00000 .00000

DATE GO JUL 76

BREF =

SCALE =

MACH

. 135

.155

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## CA-B - FORCE SOURCE DATA TABULATION

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1.090

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	112.	にコングロビン	.0.111	111540265	75

(TJF306) ( 07 JUN 76 )

ELEVTR =

	REFERE	NCE DA	ATA
SREF = 2690. LREF = 474.	0000 9	O.FT N.	<b>)</b>

936.6800 IN.

11.340

12.034

21.853

37.500

53.137

74.245

GRADIENT

.0405

GP

T XMRP ≠	1109.0000	IN YO	
YMRP =		IN.YO	
ZMRP =	375.0000		

35.28507

.00000

	Ρ,	ARAMETRIC	DATA		
ALPHAN	=	8.107	EMA		
STAB	<b>*</b>	-2.000	FIEVED	=	

-2.000

.00014

.00040

.00000

RUN NO. 306/ 0	RN/L = .00	GRADIENT INTER	VAL = ~5.00	10RB = BDFLAP =	8.000	ELEVIN =	-5.000
ALPHAW 0(PSF) 8.10720 35.24689 8.08247 35.15388 8.06709 34.94031 8.22771 34.78745 8.20339 35.15024	13.81791 .35 13.80181 .36 13.95280 .36	CD 5557 .09608 5108 .09517 2844 .08128 2099 .08073	CLM .12455 .12550 .12811 .13331	CY .03605 .005060019900932	CLN 00156 00159 00054 00005	CSL .00593 .00534 .00341 .00169	BETA .00000 .00000 .00000

.13189

.13150

.00000

-.00768

-.00956

.00000

.08043

.07939

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## (CA-8) K3.1757H15.6.1F10T540265.3.5

.32142

.31712

.00000

(TUF307) ( 07 JUN 76 )

.00177

.00145

.00000

#### REFERENCE DATA

SPFF =	2690.00	00 00 07			
. מבר -	474.81	00 50.11		= 1109.0000	IN.XO
200-			YMRP :	.0000	
BPEF =	720.00	00 IN.	ZMRP :		
SCALE =	.04	05	- "···	= 375.0000	IN, 20

8.10863

.00000

### PARAMETRIC DATA

ALPHAW = STAB = 10RB = BDFLAP =	10.128 -2.000 8.000 .000	EN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
--	-----------------------------------	--------------------------------	----------------------------

		HUN NU.	307/ 0	RN/L =	.00	GRADIENT	INTERVAL =	-5.00/ 5.00
.H	Cp	ALPHAW	Q(PSF)	AL PHIO	<u>.</u>			3.00

13.79779

MACH GP ALBUM		TOTAL TRAILEMANT = -2.00%	5.00		
MACH GP ALPHAW Q(PSF) .157 11.327 10.12851 36.01732 .157 12.338 10.09620 35.99280 .155 21.104 10.07021 35.79673 .157 37.587 10.19164 36.09981 .155 52.921 10.16801 35.20305 .155 64.594 10.17307 35.17632 .156 GPADJENT .00000 .00000	ALPHAO CL 15.8622: .42403 15.85205 .41726 15.82158 .39252 15.93741 .38040 15.87847 .37384 15.83580 .37882 .00000 .00000	.10207 .13755 .10021 .14104 .09856 .14082	00947 00001 .00021 00810 01015	.00202 .00562 .00153 .00507 .00101 .00379 .00011 .00142 .00049 .00109 .00048 .00098	BETA .00000 .00000 .00000 .00000 .00000

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TUF308) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = LREF = BREF = SCALE =	2690'.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	12.145 -2.000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	). 308/ 0 RN/L =	.00 GRAI	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH 156 156 155 155	23.286 12.11180 39.615 12.09893 55.084 12.21453	G(PSF) ALPHAO 35.63760 17.88038 35.40209 17.86836 34.92118 17.83109 35.02898 17.92146 35.03489 17.97078 .90000 .60000	CL .47401 .46476 .44187 .44258 .44320 .00000	CD .13126 .12907 .12355 .12396 .12426 .00000	CLM .14334 .14512 .14991 .15216 .15362 .00000	CY .09570 .00465 00507 00978 00543 .00000	CLN 00165 00214 00014 .00068 .00028	CSL .00461 .00531 .00244 .00298 .00127 .00000	BETA -00000 -00000 -00000 -00000 -00000
		(CA-8) K3.1T57	FIOTS	40265.3.5			(TJF30	9; ( 07 JL	N 76 1
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2590.0000 SQ.FT XMRF 474.8100 IN. YMPF 936.6800 IN. ZMRF	O000 IN.YO				ALPHAW = 1088 = BDFLAP =	.211 8.000 .000	RN/L = ELEVON =	1.090 -5.000
	RUN NO	0. 309/ 0 RN/L =	.00 GRA	DIENT INTERV	/AL = -5.0	00/ 5.00			
MACH - 155 - 155 - 155	5 15.940 .15717 5 25.541 .11646	0(PSF) ALPHA0 34.97256 5.89873 35.12248 5.87515 34.98936 5.82900 34.98524 5.74553	CL .10248 .09219 .09808 .09938 .00000	CD .05359 .05351 .05409 .05396 .00000	CLM .10263 .10040 .09972 .09932 .00000	CY .00565 00013 00268 00813 .00000	CLN .00001 .00046 .00035 .00052	CSL .00597 .00396 .00410 .00212 .00000	BETA .00200 .00000 .00000 .00000

CA-8 - FORCE SOURCE DATA TABULATION

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		(CA-8) K3.1TS7	F10TS402G5.3	3.5		(TJF3)	10) ( 07 J	UN 76 )
	REFERENCE DATA					PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	0000 IN.YO			ALPHAW = 10RB = BDFLAP =	4.011 8.000 .000	RN/L * ELEVON *	1.090 -5.000
	RUN NO	. 310/ 0 RN/L *	.00 GRADIENT I	NTERVAL = -5.	.00/ 5.00			
MACH - 155 - 155 - 155 - 155 - 155	GP ALPHAW 11.330 4.01119 14.457 3.97599 22.914 4.03594 39.216 4.25205 54.118 4.16434 GRADIENT .00000	Q(PSF)     ALPHAO       35.17540     9.72867       35.04921     9.70885       34.99090     9.70436       34.93211     9.97064       34.93287     9.86550       .00000     .00000	CL CD .21986 .051 .21973 .061 .20741 .061 .21801 .53 .21067 .062 .00000 .000	54 .10810 81 .10935 53 .11005 02 .11010	CY .00512 .00521 00590 00848 01039	CLN 03072 00046 .00013 .00017 .00039	CSL -006:6 -00498 -00294 -00195 -00141	BETA .09000 .00000 .00000 .00000 .00000
		ICA-81 K3.1157	F1015402G5.3	.5		(TJF31	1) (07 J	N 76 1
	REFERENCE DATA					FARAMETRIC	DATA	
SPEF = LREF = BREF = SCALE =	REFERENCE DATA 2690.0000 SQ.FT XMRP 474.9100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO			ALPHAN = 10PB = BDFLAP =		DATA RN/L # ELEVGN =	1.090 -5.000
LREF = BREF =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= .0000 IN.YO = 375.0000 IN.ZO		NTERVAL = -5.	IOPB = BDFLAP =	FARAMETRIC 6.211 9.200	RN/L ≠	1.090

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			(C/	\-8) K3.1TS7	FIOTS	3402G5.3.5			(TJF3		IUN 76 )
	REFEREN	CE DATA							PARAMETR1		
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.6100 IN 936.6800 IN .0405	YMRF	₽ = ````,	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IORB = BDFLAP =	8.089 8.000 .000	RN/L = ELEVON =	1.090
		RUN NO	0, 312/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .155 .155 .155 .155 .155		ALPHAW 8.08902 8.06637 8.16388 8.17144 8.20550 8.11483 .00000	0(PSF) 35.32485 35.06001 34.94572 35.04897 34.94112 35.23551 .00000	ALPHAO 13.81590 13.81188 13.90649 13.90447 13.91454 13.79578	CL .36450 .34991 .33527 .32390 .32743 .32174	CD .09095 .08910 .08707 .08580 .08661 .08526 .00000	CLM .12259 .12353 .12542 .12575 .12910 .12792 .00900	CY .01223 .00317 00349 00770 01017 00911 .00000	CLN 00222 00153 00074 .00011 .00824 .00930	CSL .00698 .00602 .00405 .00142 .00137 .00118 .00000	AT28 .00000 .00000 .00000 .00000 .00000
			(CA	-81 K3.1TS7	F1075	40265.3.5			(TJF3)	3) (07 JU	JN 76 J
	REFERENC	E DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.000C SO. 474.810C IN. 926.6800 IN. .0405	FT XMRP YMRP ZMRP	=	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = IGRB = BDFLAP =	10.137 8.000 .000	RN/L = ELEVON =	1.090 -5.000
	결국에 되었는 44 회의 14년 등 17	RUN NO	. 313/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155 .155	13.481 22.102 38.584 54.006	ALPHAW 10.13682 10.10718 10.11565 10.11569 10.23184 10.23184 10.27138	0(PSF) 35.15611 35.17272 35.03926 35.02759 35.05485 35.26245 .00600	ALPHA0 15.86831 15.66221 15.85221 15.88050 15.94351 15.89879 .00000	CL .42749 .42402 .39553 .38686 .38126 .38685	CD .11228 .11138 .10572 .10558 .10454 .10583	CLM .12715 .13056 .13433 .13795 .13959 .14059	CY .00784 .00933 .00179 00523 00954 00893 .00000	CLN 00243 00248 00158 00016 .00029 .00053	CSL .00612 .00639 .00472 .00195 .00090 .00068	BETA .00000 .00000 .00000 .00000 .00000

DATE 06 JUL 76

### CA-8 - FORCE SOURCE DATA TABULATION

DATE OF	CM28 -	- FURCE SOURCE DATA I	ABULATION		PA	NGE 855
		(CA-8) K3.1TS7	F10TS40205.3.5		(TJF314) ( 07 C	JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SG.FT XMRP 474.8100 IN, YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = IORB = BDFLAP =	12.268 RN/L = 8.000 ELEVON = .000	1.090 -5.000
	RUN NO.	3147 U RN/L =	.00 GRADIENT INTERVAL	= -5.00/ 5.00		
MACH - 155 - 155 - 154 - 154 - 153	23.385 12.18272 39.791 12.16246 54.909 12.16409	O(PSF)         ALPHAO           35.01341         17.93790           35.07965         17.92968           34.87834         17.89581           34.62370         17.87216           34.42496         17.91735           .00000         .00000	CL CD .47139 .13464 .46429 .13325 .44735 .12940 .44432 .12861 .44465 .12889 .00000 .00000	CLM CY .14036 .00329 .1413900204 .1457900569 .1478400803 .1494500752 .00000 .00000	CLN CSL00165 .0043500136 .0042500017 .00172 .00045 .00115 .00051 .00075 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3 1TS7	H15.6.1F10TS40265.3.5		(TJF315) ( 07 J	UN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6500 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = STAB = 10RB = BOFLAP =	.206 RN/L = -2.000 ELEVIR = 8.000 ELEVON = .000	1.090 .000 -5.000
	RUN NO.	315/ 0 RN/L =	.00 GRADIENT INTERVAL	= -5.00/ 5.00		
MACH .155 .155 .155 .155	15.018 .16234 24.039 .08217	0(PSF) ALPHA0 35.02033 5.89971 35.18533 5.88498 35.37483 5.79954 35.09556 5.70921 .00000 .00000	.09136 .05015 .09512 .05084 .09756 .05058	CLM CY .10360 .00931 .10264 .00885 .10145 .00051 .1001800394 .00000 .00090	CLN CSL 00023 .00536 .00005 .00495 .00029 .00336 .00037 .00182 .00000 .00000	BETA .00000 .00000 .00000 .00000

## (CA-8) K3.1157H15.6.1F10TS402G5.3.5

(T.IE316) ( D7 HW 76 )

				10205.3.5			TJF3	15) (07 )	JUN 76 )
	REFERENCE DATA						PARAMETRI	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	4.136 -2.000 8.000 .000	RN/L * ELEVTR = ELEVON =	1.090 -000 -5.000
	RUN NO	. 316/ 0 RN/L =	.00 GRAD	IENT INTERV	'AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP ALPHAW 11.331 4.13642 13.985 4.10505 23.199 4.06659 39.277 4.07544 54.300 4.22740 GRADIENT .00000	0(PSF) ALPHA0 35.23063 9.85360 35.21999 9.83972 34.99779 9.79807 35.34521 9.79014 35.10464 9.93692 .00000 .00006	CL .22516 .22028 .21280 .21177 .21329 .00000	CD .05960 .05949 .05870 .05929 .05875 .00000	CLM .11171 .11147 .11148 .11136 .11232	CY .00746 .00650 00067 00409 00892 .00000	CLN 03096 09055 09005 .00008 .00042	CSL .00534 .00537 .00329 .00189 .00165	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7F	415.6.1F10TS4	0265.3.5			(TJF31	7) (D7 J1	UN 76 1
	REFERENCE DATA						PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0				ALPHAW = STAB = IORB = BOFLAP =	511.8 000.5- 000.8	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
	RUN NO.	317/ 0 RN/L =	.00 GRAD	IENT INTERVA	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155	13.289 6.08257 22.212 6.05423 38.137 6.19751 53.844 6.17361	0(PSF) ALPHA0 34.99580 11.82950 35.14257 11.81952 35.09494 11.79356 35.06737 11.92935 35.22142 11.88741 35.11893 11.96531 .00000	CL .290C5 .28338 .27521 .27400 .26751 .27221 .00000	CD .07119 .07051 .06882 .06959 .06856 .06909	CLM .11738 .11670 .11941 .12043 .12027 .12171	CY .01021 .01065 .00634 00470 00656 00911	CLN 00146 00151 00104 .00038 .00037 .00021	CSL .00569 .00540 .00482 .00201 .00163 .00125	BETA .00000 .00000 .00000 .00000 .00000

DATE D6 JUL 76

MACH

.155

. 155

. 155

. 155

- 155

. 155

11.328

14.177

21,155

37.918

53.625

84.918

GRADIENT

ALPHAN

10.08511

10.05014

10.12696

10.13938

10.21365

10.22325

.00000

Q(PSF)

35.19437

35.13859

34.96051

35.26400

35.24495

35.10604

.00000

ALPHAO

15.81751

15.80939

15.88253

15.88560

15.93741

15.86863

.00000

CL

.42965

.41967

.39725

.38379

. 38606

.38333

.00000

CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

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(TJF318) ( 07 JUN 76 )

REFERENCE DATA	
	PARAMETRIC DATA
SREF = 2690.0000 SQ.FT	ALPHAW = 8.230 RN/L = 1.090 STAB = -2.000 ELEVIR = .000 10RB = 8.000 ELEVON = -5.000 BDFLAP = .000
RUN NO. 318/ 0 RN/L = .00 GRADIENT INTERVAL =	= -5.00/ 5.00
155 22.824 8.15922 35.16196 13.91253 33223 08352 .1 155 38.858 8.14245 35.16196 13.91253 33223 08352 .1 155 54.503 8.23924 35.16510 13.95683 32611 08342 .1 155 75.376 8.25391 35.15933 13.94072 32461 08242 .1	-M CY CLN CSL BETA 12511 .0099100186 .00560 .00000 12562 .0065900150 .00573 .00000 12806 .0013300089 .00387 .00000 130910053600004 .00161 .00000 1320000676 .00015 .00152 .00000 1320900768 .00037 .00144 .00000 100000 .00000 .00000 .00000
(CA-8) K3.1TS7H15.6.1F10TS40205.3.5	(TJF319) ( 07 JUN 75 )
The state of the s	PARAMETRIC DATA
SPEF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = 10.085 RN/L = 1.090 STAB = -2.000 ELEVTR = .000 10PB = 8.000 ELEVON = -5.000 BDFLAP = .000
RUN NO. 319/ 0 RN/L = .00 GRADIENT INTERVAL =	-5.00/ 5.00

CD

.11036

.10889

.10557

.10247

.10305

.00000

CLM

13041

.13414

.13766

.14039

.142.8

.14353

.00000

CY

.01174

.00930

.03470

-.00434

-.00564

-.00708

.00000

CLN

-.00244

-.00249

-.00160

-.00035

.000:8

.00042

.09000

CSL

.00640

.00624

.00426

.00177

-00130

.00089

.00000

BETA

.00000

.00000

.00000

.00000

.00000

.00000

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#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TUF320) ( 07 JUN 76 )

	REFERE	NCE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 St 474.8100 II 936.6800 II .0405	N. YMRF	) = .i	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.133 -2.000 8.000 .000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	320/ 0	RN/L =	.00 GRAD	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155	GP 20.262 24.107 40.144 54.929 97.355 GRADIENT	ALPHAW 12.13278 12.11033 12.10922 12.17734 12.33051 .00000	Q(PSF) 35.08265 35.15772 35.19607 35.09973 35.14319 .00000	ALPHAO 17.87216 17.86806 17.85163 17.87627 17.96256 .00000	CL .47255 .46806 .44512 .44443 .45183 .00000	CD .13296 .13239 .12762 .12652 .12822 .00000	CLM .14169 .14567 .14921 .15063 .15378 .00000	CY .00472 .00563 00416 00307 00741 .00000	CLN 00164 00196 00013 .00025 .00057	CSI. .00419 .00441 .00177 .00115 .00C67	BETA .00000 .00000 .00000 .00000
			(CA	-81 K3.1TS7H	15.6.1F10TS	0265.3.5			(TJF32)	!) : 07 JU	N 76 )
	REFEREI	NCE DATA							PARAMETRIC	DATA	
SREF = LPEF = BREF = SCALE =	2690 0000 50 474.8100 II 936.6800 II	V. YMRF	= [	0000 IN.XO 0000 IN.YO 0000 IX.ZO				ALPHAW = SIAB = IORB = BOFLAP =	.178 .000 8.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 321/ 0	RN/L =	.00 GRAD	IENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155	GP 11.278 14.567 25.047 33.886 GRADIENT	ALPHAW .17786 .13008 .07847 .05131	0(PSF) 35.38109 35.18502 35.05208 35.06728 .00000	ALPHAO 5.86533 5.84962 5.79365 5.75928 .00000	CL .08990 .09448 .10173 .10626 .00000	CD .05075 .05082 .05088 .05051 .00000	CLM .10269 .10158 .10085 .10091	CY .00865 .0082 00394 00000	CLN .00015 .00016 .00037 .00023 .00000	CSL 00560 .00521 .00574 .00272	BETA .00000 .00000 .00000 .00000

DATE 05 JUL 76

CA-B - FORCE SOURCE DATA TABULATION

(CA-B) K3.1TS7H15.6.1F10TS402G5.3.5 (TJF322) ( 07 JUN 76 )

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		(CA-B) K3.1TS7	H15.6.1F10T5402G5.3.5		(TOFSEE) ( 0)	0011 20
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BPEF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	0000 IN.YO		ALPHAW = STAB = IORB = BDFLAP =	4.024 RN/L * .000 ELEVIR = 8.000 ELEVON *	.000
	RUN NO	), 322/ 0 RN/L =	.00 GRADIENT INTERVA	L = -5.00/ 5.00		
MACH - 155 - 155 - 155 - 155	13.366 4.18109 22.667 4.28534 38.646 4.23570	Q(PSF) ALPHAO 35.08954 9.75048 35.03251 9.92105 35.16711 10.01827 35.14235 9.95676 35.04389 9.95874 .00000 .00000	CL CD .21818 .05948 .22398 .05995 .22321 .06002 .21810 .05933 .21510 .05959 .00000 .00000	CLM CY .10974 .00851 .11137 .00568 .1121800708 .1119800654 .1127700744 .00000 .00000	CLN CSL00081 .005800052 .0056 .00000 .0035 .00016 .0015 .00044 .0014 .00000 .0000	00 .00000 33 .00000 64 .00000 1 .00000
		(CA-8) K3.1TS7	H15.6.1F10TS40265.3.5		(TJF323) ( 0	JUN 76 )
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO		ALPH4W = STAB = 10RB = BDFLAP =	6.135 RN/L = .000 ELEVIR = 8.000 ELEVON = .000	
	RUN NO	). 323/ 0 RN/L =	.00 GRADIENT INTERVA	L = -5.00/ 5.00		
MACH - 155 - 155 - 155 - 155 - 155	13.628 6.10571 22.471 6.24950 38.318 6.22119 54.166 6.25010	01PSF1 ALPHA0 35.29264 11.85546 35.12939 11.84348 34.99736 11.98928 35.17953 11.94733 35.13398 11.95732 35.19510 11.87543 .00000 .00000	CL CD .29765 .07230 .28490 .07050 .28128 .07066 .27180 .06952 .27513 .07028 .26762 .06893 .00000	CLM CY .11774 .00969 .11765 .00878 .1197300329 .1202000768 .1214300468 .1202800761 .00000 .00000	CLN CSL00118 .006:00118 .005:00024 .003: .00002 .0014 .00008 .0026 .0021 .0015 .00000 .0000	00000. 28 00000. 00 00000. 00 00000. P9

### (CA-8) K3.1TS7H15.6.1F10TS402G5 7 5

	REFERENCE DATA	10A-01 K3.115	/HI5.6.IF10T	\$40265.3.5			(TJF3	24) ( 07	JUN 76 )
SPEF =	2690.0000 SO.FT XMF	RP = 1109.0000 IN YO					PARAMETRI	C DATA	
LREF = BPEF = SCALE =	474.8100 IN. YMF 936.5800 IN. ZMR .0405	RP = .0000 IN.YO RP = 375.0000 IN.ZO				ALPHAH = STAB = TORB = BDFLAP =	8.152 .000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
MACH	RUN N		.00 GR,	ADJENT INTER	VAL = -5.	00/ 5.00			
. 155 - 155 - 155 - 155 - 155	11.340 8.15230 12.780 8.12563 22.542 8.08907 38.301 8.20391 53.708 8.23398	0(PSF) ALPHA0 35.19166 13.86031 35.04359 13.86824 34.99744 13.84005 35.15937 13.93871 35.20230 13.95280 35.11048 13.87428 .00000 .00000	CL .35564 .3539i .33362 .33262 .32866 .32850 .00000	CD .08917 .09765 .08477 .08417 .08399 .08396 .00000	CLM .12518 .12459 .12767 .13083 .13122 .13187	CY .00551 .00300 .00083 00492 01065 00872 .00000	CLN 00149 00162 00080 00017 .00037 .00035	CSL .00585 .00579 .00322 .00167 .00090	PETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1157	H15.6.1F10TS	402G5.3.5			: TUF 32	5) ( 07 :	UN 75 )
	REFERENCE DATA								UN 15 1
SREF = LREF = BREF = SCALE =	2690.0000 SO.FI XMRF 474.6100 IN. YMRF 936.6800 IN. ZMRF .0405	. 20000 IN YO				ALPHAN = STAB = IORB = BDFLAP =	PARAMETRIC 10.053 .000 8.000	HN/L = ELFVIR = ELEVON =	1.090 .000 -5.000
	RUN NO	. 325/ 0 RN/L =	.00 GPA	DIENT INTERV	AL = -5 0	0/ 5.00			
MACH .155 .155 .155 .155 .155	OP ALPHAW 11.328 10.05250 12.746 10.11646 21.606 10.09369 37.774 10.23441 53.160 10.22759 84.933 10.19562 GRADIENI .00000	0(PSF) ALPHA0 35.14719 15.78501 35.08619 15.87237 35.00153 15.85002 35.24942 15.97603 35.19614 15.94757 35.23160 15.86424	CL .42990 .42936 .39873 .38751 .38929 .38547	CD .11115 .11142 .10585 .10437 .10354 .10286	CLM -13001 -13309 -13420 -14000 -14101 -14838	CY .00786 .00935 .00321 00525 00705	CLN 00217 00231 00155 00007 .00036	CSL .00585 .00601 .00433 .00167	BETA .00000 .00000 .00000 .00000

## DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8) K3.1	TS7H15.	6.1F1	01540265.	3.5
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( 07 JUN 76 )

REFERENCE	DATA	
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		D							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S0 474.8100 IN 936.6800 IN .0405	I. YMRF	0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.123 .000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	). 326/ O	RN/L =	.00 GRAI	DIENT INTER	VAL = -5.0	5.00			
MACH . 155 . 154 . 155 . 155 . 155	GP 20.277 22.492 38.565 55.053 97.378 GRADIENT	ALPHAW 12.12346 12.09555 12.08969 12.19217 12.21157 .00000	0(PSF) 34.99558 34.72360 35.17457 35.22884 35.13387 .00000	ALPHAO 17.85984 17.84752 17.83930 17.92146 17.84752 .00000	CL . 47854 . 46728 . 45098 . 44758 . 44549 . 00000	CD .13443 .13187 .12908 .12832 .12717 .00000	CLM .14287 .14318 .14980 .15120 .15287 .00000	CY .00561 .00182 00320 00595 00596 .00000	CLN 03205 00167 00026 .00039 .00051	CSL .00491 .00469 .00242 .00146 .00069	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K3.11S7H	115.6.1F10TS	+0265.3.5			CTUF32	7) ( 07 JUI	N 76 )
	REFEREN	CE DATA							PARAMETRIC	DATA	

THE BEAUTION OF THE PRESENCE DATA AND THE PRESENCE OF THE PRES	보고 살아 되는 가는 사람이 되고 있다. 그는 사람들이 모르는 것 같아 하다	PARAMETRIC	DATA	
SREF = 2690.0000 SQ.FT XMRP LREF = 474.8400 IN. YMRP BREF = 936.6800 IN. ZMRP SCALE = .0405 -	.0000 IN.YO STAB =	2.000 8.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.300
RUN NO. MACH GP ALPHAW	327/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 Q(PSF) ALPHAO CL CD CIM CY	CUN	CC	DETA

MACH GP ALPHAW .155 11.278 .19512 .155 14.550 .14733 .155 24.995 .09003 .155 34.013 .16034 GRADIENT .00000	Q(PSF) ALP 35.28689 5.88 35.15519 5.86 35.03149 5.80 35.09980 5.66 .00000 .00	730 .09506 739 .10056 730 .10295	CD CLM .05094 .10234 .05077 .10175 .05122 .10099 .05167 .10073 .00000 .00000	.00340 .00358 . .00140 . 00636 .	CLN CSL 00001 .00508 00049 .00455 00002 .00347 00049 .00247	BETA .00000 .00000 .00000 .00000
--	--	--	---	---	---	--



## (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

(TJF328) ( 07 JUN 76 )

RF					

	HELEHEN	CE DATA							PARAMETRI	OATA .	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	. YMRI	o =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	3.963 2.000 8.000 .000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	328/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155 .155	GP 11.330 13.743 22.427 38.597 53.560 GRADIENT	ALPHAW 3.96339 4.12045 4.08957 4.20561 4.11782 .00000	0(PSF) 35.15800 35.04800 35.06704 35.08124 35.16998 .00000	ALPHAO 9.68307 9.85757 9.81790 9.92303 9.82187 .00000	CL .22313 .22184 .21698 .21697 .21312 .00000	CD .05984 .06056 .06003 .06054 .05979 .00000	CLM .11041 .1:073 .11104 .11175 .10965 .00000	CY .00655 .00468 .00079 00797 .00000	CLN 03062 00045 00021 .00010 .00036 .00000	CSL .00575 .00499 .00407 .00196 .00144	BETA .0000 .0000 .0000 .0000 .0000
			(CA-	8) K3.1TS7	415.6.IF10TS	10265.3.5			(TUF32	9) (07 JU	JN 76 )
	REFERENC	E DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.133 2.000 8.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 329/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH - 155 - 155 - 155 - 155 - 155 - 155	GP 11.341 13.515 22.604 38.382 54.285 64.677 GRADIENT	ALPHAW 6.13334 6.09247 6.19878 6.14914 6.12481 6.20579 .00000	Q(PSF) 35.11193 35.03648 35.08343 35.14523 35.17659 35.32099 .00000	ALPHAO 11.84747 11.83549 11.92536 11.87543 11.83349 11.89939 .00000	CL .29926 .28598 .28174 .27217 .27132 .27162 .00000	CD .07254 .07172 .07140 .07056 .06991 .07009 .00000	CLM .11712 .11804 .11919 .11990 .12025 .12075	CY .00918 .00301 00134 00665 00661 00767 .00000	CLN 00136 00067 00033 .00022 .00034 00001	CSL .00611 .00533 .00376 .00140 .00138 .00134	BETA .00000 .00000 .00000 .00000 .00000

DATE DE JUL 76

CA-B - FORCE SOURCE DATA TABULATION

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			ιc	A-8) K3,1T57	7H15.6.1F10T9	40205.3.5				70.	
	REFEREN	ICE DATA							(TJF3		JUN 76 )
SREF =	2690.0000 50								PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 IN 936.6800 IN .0405	, YMR	₽ ∍	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.150 2.000 8.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	0. 330/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH -155 -155 -155 -155 -155	GP 11.340 13.151 22.612 38.681 54.056 74.971 GRADIENT	ALPHAM 8.15023 8.11835 8.16050 8.15136 8.11055 8.14313	0(PSF) 35.02695 35.24908 35.10991 35.27843 35.14275 35.16946 .00000	ALPHA0 13.87226 13.86421 13.90850 13.89239 13.82596 13.82798 .00000	CL .36757 .35458 .33601 .33471 .32850 .32561 .00000	CD .09033 .08828 .08569 .08516 .08432 .08354 .00000	CLM .12+71 .12+85 .1265 .13307 .13360 .13398 .00300	CY .00793 .01039 00111 00395 00823 00777 .60000	CLN 00183 00177 00079 00035 .00030 .00018	CSL -00648 -00620 -00401 -00274 -00133 -00119 -00000	BETA .00000 .00000 .00000 .00000 .00000
and the state of t											
			(CA	-8) K3.1TS7	115.6.IF10TS	0265.3.5		it in die eeu w	.7 1527		
	REFERENC	E DATA	ICA	-8) K3.11S7F	115.6.IF10TS	0265.3.5			(TJF33		JN 76 )
SRFF =					115.6.1F10TS	0265.3.5			(TJF33		JN 76 )
SREF = LREF = BREF = SCALE =	REFERENC 2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP	= 1109.1 =	-8) K3.11S7H 0000 IN.XO 0000 IN.YO 0000 IN.ZO	115.6. įFiors	0265.3.5		ALPHAW = STAB = IORB = BOFLAP =			1.090 .000 -5.000
LREF = BREF =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	FT XMRP YMRP	= 1109.1 = 375.1	0000 IN.XO 0000 IN.YO		0265.3.5 IENT INTERV	AL = -5.0	ALPHAW = STAB = IORB = BOFLAP =	PARAMETRIC 10.074 2.000 8.000	DATA  RN/L = ELEVTR =	1.090

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

#### (TJF332) ( 07 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

						T/	

	1.0		Carrier Land		and the second											
SREF	* .	2690.0000	SQ.FT	XMRP	= 11	09.0000	IN.XO			Α	LPHAN		12.218			1.090
LREF	#	474.8100	IN.	YMRP	- =	.0000	IN.YO			S	TAB	æ				.000
BREF	=	936.6800	IN.	ZMRP	= 3	75.0000	IN.ZO			-	ORB			ELEVON	<b>≖</b> , : • ,	-5.000
SCALE	·= , ·	.0405								8	IDFLAP	<b>±</b>	.000		1.5	

# RUN NO. 332/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

		과 그녀는 기사는 기가 되는데,									100
MACH	GP	ALPHAW	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL	BETA
. 155	20.292	12.21832	35.13880	17.95845	.48002	.13597	.14217	.00360	00212	.00481	.00000
. 155	23.622	12.19738	35.08426	17.95023	.46457	.13317	.14435	.00225	00182	.00417	.00000
.155	39.733	12.18902	34.97047	17.93379	.45094	.13000	.14930	00563	00007	.00201	.00000
. 155	55.061	12.20133	35.30307	17.92146	.44887	. 12932	.15145	00743	.00040	.00116	.00000
.155	97,395	12.25694	35.04514	17.88+49	.45151	. 12932	.15280	00790	.00070	.00077	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

#### (TJF333) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SO.FT X	MRP = 1109.0000	IN.XO	ALPHAW =	.240	RN/L =	1.090
LREF = 474.8100 IN. Y	MRP = .0000	IN.YO	STAB =		ELEVTR =	.000
BREF = 936,6800 IN. Z	MRP = 375.0000	IN.ZO			ELEVON = -	-5.000
SCALE = .0405			BDFLAP =	.000		

## RUN NO. 333/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACI	<del>-</del> 1	GP	ALPHAN	Q(PSF)	ALPHAO CL	CD	CLM CY	CLN	CSL	BETA
. 1	55	11.279	.24053	35.27206	3.9102002693	.05007	.10193 .0	1028 .00032		00000
. 1	55	15.103	15505.	35.26027	3.8974702155	.04979		15000. 8151	.00459	.00000
, 1	55	25,214	.14663	35,18650	3.8307102110	.05036		0109 .00031	.00516	.00000
- 1	35	34.125	.07293	35 , 15559	3.7623702200	.05071		0458 .00025	.00187	.00000
		GRADIENT	.00000	.00000	.00000 .00000	.00000	.00000 .0	00000. 0000	.00000	.00000

CA-8 - FORCE SOURCE DATA TABULATION

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	(CA-8)	K3.1TS7H15	.6	1F10	T5402G5.3.	5

(TJF334) ( 07 JUN 76 )

			.00	U7 K311137	113.0.11.1013	10203.3.3			(10(5.	)47 - 4 U / O	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	YMRP		0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	4.003 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 334/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	00/ 5.00			
MACH .155 .155 .154 .154 .155	GP 11.330 14.557 22.359 38.543 53.583 GRADIENT	ALPHAW 4.00309 3.97173 4.09891 4.18263 4.18731 .00000	Q(PSF) 35.33287 35.06647 34.95524 34.89773 35.10336 .00000	ALPHAO 7.70423 7.68550 7.80875 7.87581 7.87187 .00000	CL .09434 .08765 .09263 .08017 .09036	CD .0'4813 .04779 .04788 .04765 .04765	CLM .10660 .10786 .10931 .10876 .10975	CY .01189 .00552 .00374 00520 00461 .00000	CLN 02040 00218 .00004 .00013 .00033 .00000	CSL .00571 .00498 .00292 .00145 .00153	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K3.1157H	415.6.IF10TS4	0265.3.5			17JF33	51 C 07 JU	JN 75 )
	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN, 936.6800 IN. .0405	YMRP	<b>=</b> ,C	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAH = STAB = IORB = BDFLAP =	6.127 -2.000 6.000 .000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 335/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .155 .155	GP 11.341 13.339 22.471 38.279 53.295 64.451 GRADIENT	ALPHAM 6.12732 6.10156 6.06738 6.08237 6.19126 6.11846	0(PSF; 35.00230 35.10238 35.10455 34.98089 35.29829 35.29829 35.23768 .00000	ALPHAO 9.81989 9.80997 9.77824 9.78024 9.87344 9.78816	CL .15979 .15284 .14705 .14957 .14543 .14078	CD .05486 .05435 .05233 .05244 .05234 .05157	CLM .11261 .11210 .11307 .11519 .11618 .11553 .00600	CY .00908 .01110 .00273 00259 00736 00797	CLN 00059 00042 00031 00015 00016 00060	CSL .00584 .00537 .00361 .00232 .00122 .00120	BETA .00000 .00000 .00000 .00000 .00000 .00000

# (CA-8) K3.1157H15.6, IF10TS402G5.3.5

-							
RE	<b>++</b>	RF	Nr	`_	5	A T	

	REFER	ENCE DATA				1370205,3,5			CT.IF	-336) ( <sub>07</sub>	
SREF = LREF = BREF =	2690.0000 474.8100	IN sec		0.0000 IN.XO					PARAMETE		JUN 76 )
SCALE =	936,6800 .0405	IN. ZM RUN I	RP = 375	.0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	8.113 -2.000 0.000 0.000	ELEVIR =	1.090 .000 -5.000
MACH - 155	GP	ALPHAH	O(PSF)	AT 53.14.		ADIENT INTER	RVAL = -5	.00/ 5.00			
-155 -154 -154 -155 -155	11.340 12.616 22.215 37.931 53.548 74.661 GRADIENT	8.11352 8.08899 8.18005 8.15214 8.20453 8.24969	35.23806 35.15623 34.93882 34.78134 35.01056 35.17758 .00000	ALPHAO 11.81153 11.80354 11.89540 11.85346 11.88741 11.90738 .00000	CL - 24041 - 23317 - 21850 - 20385 - 20447 - 20505 - 00000	CD .06573 .06479 .06342 .06145 .06145 .06151 .00000	CLM -11752 -11736 -12081 -12243 -12327 -12456 -00000	CY .00802 .01138 .00276 00108 00637 00540	CLN 00095 00135 00061 00031 .00016	.00530 .00545 .00385 .00234 .00139	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1157H	15.6.1F101S	40265 Z E					100000
		ICE DATA				0203.3.3			ITUF3	37) ( 67 J	UN 76 1
SREF = 2 LREF =	690.0000 50	.FT XMRF	) = 1100 c	1000 th					PARAMETRIC		
	474.8100 IN 936.6800 IN 0405	19100	= .0 = 375.0	0000 IN.XO 0000 IN.YO 0000 IN.ZO RN/L =				ALPHAW = STAB = 10PB = BDFLAP =	19.121 -2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
MACH	C⊳	ALPHAW	되는 말을 하면 때		.00 GRAD	PIENT INTERV	AL = -5.0	0/ 5.00			
.155 .154 .154 .155 .155 .155	21,452 38,079 53,295	10.12143 10.08951 10.22475 10.19305 10.19117	0(PSF) 35.01812 34.92507 34.75730 34.75730 34.59730 34.99207 35.04719 .00000	ALPHAO 13.81791 13.81188 13.92662 13.82843 13.87629 13.77968 .00000	CL .31866 .30427 .28260 .26533 .26601 .26265 .00000	CD .08297 .08071 .07791 .07506 .07535 .07400 .00000	CLM -12377 -12412 -12823 -13030 -13251 -13366 -00000	CY .01161 .01218 .00017 00200 00642 00742 .00000	CLN 00184 00183 00074 00034 .00043 .00040	CSL - 00663 - 00521 - 00403 - 00241 - 00113 - 00116 - 00000	BETA .00000 .00000 .00000 .00000 .00000

				76	

## CA-8 - FORCE SOURCE DATA TABULATION

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 	 	 	265.3.5

(TJF338) ( 07 JUN 76 )

	REFEREN	NCE DATA							PARAMETRIC	DATA	
SREF = LREF = BRIF = SCALE =	2690.0000 SQ 474.8100 IN 936.6900 IN .0405	N. YMRP		0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.123 -2.000 6.000 .000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO.	. 338/ 0	RN/L =	.00 GRAD	DIENT INTERV	/AL = -5.0	00/ 5.00			
MACH .156 .155 .155 .155 .155	GP 20,258 23,614 39,637 55,008 97,366 GRADIENT	ALPHAW 12.1296 12.15787 12.15034 12.23875 12.26152 .00000	0(PSF) 35.44764 35.31961 35.16331 35.10592 35.07855 .00000	ALPHA0 15.83174 15.88456 15.8621 15.92928 15.86018 .00000	CL .35130 .34228 .32783 .32512 .32467 .00000	CD .09741 .09624 .09410 .09354 .09254 .00000	CLM .13382 .13653 .14079 .14280 .14428 .00000	CY .09573 .00239 00369 00554 00553	CLN 00130 00117 00018 .00018 .00036	CSL .09474 .03421 .03227 .00129 .00030	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7	115.6.1F10TS	0265.3.5			ITUF33	(9) ( 07 J	UN 75 1
	REFEREN	NCE DATA	(CA	-8) K3.1TS7	115.6.1F101S	.0263.3.5			(TUF33		UN 75 1
SREF = LREF = BREF = SCALE =	REFEREN 2690.0900 SQ 474.8100 IN 936.6800 IN .0405	O.FT XMRP	= 1109.( = -l	-8) K3.1TS76 0000 IN.XO 0000 IN.YO 0000 IN.ZO	H15.6.1F10†S	0265.3.5		ALPHAW = STAB = IORB = BOFLAP =			1.090 .000 -5.000
LREF = BREF =	2690.0900 SO 474.8100 IN 936.6800 IN	).FT XMRP L YMRP	= 1109.0 = .0 = 375.0	0000 IN.XO		10265.3.5 DIENT INTERV	/AL = -5.0	STAB = IORB =	PARAMETRIC .132 .000 6.000	DATA  RN/L = ELEVIR =	1.090 .000

( 07 JUN 76 )

# (CA-8) K3.ITS7HI5.6.IFIDTS40265.3.5

				X.T	

SREF = 2	2690.0000 sq.	FT XMRP	a line r	0000 IN.XO					PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= 375.0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.180 .000 6.000	RN/L * ELEVTR = ELEVON =	1.090 .000 -5.000
MACH	GP	RUN NO ALPHAW		RN/L =	.00 GR/	DIENT INTERVA	L = -5.0	00/ 5.00			
.155 .155	11.332 14.259	4.18011	0(PSF) 35.40238 35.24398	ALPHA0 7.87976	CL ,10143	CD .04881	CLM .10816	.01139	CLN 00040	CSL	BETA
.155 .155 .154	23.404 39.720	4.11650 4.17102	35.05531 34.99416	7.86200 7.82453 7.86595	.10063 .08788 .09417	.04873 .04850	.10863	.00653 00020	00032	.00585 .00498 .00327	.00000 .00000 .00000
	54.632 GRADIENT	4.20295 .00000	. 00000	7.84031 -00000	.09160	.04869 .04847 .00000	.10954	00472 00665	.00009 .00030	.00159	.00000
						.50000	. 00000	.00000	.00000	.00000	.00000

# (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF341) ( 07 JUN 76 )

R	EF	F	RF	Ň	CE	Г	A	ĪΛ	

SREF = 2690.0000	SQ.FT XMRP = 1100 0000 th vo
LREF = 474.8100	191 AND 1102-0000 1M*XO
BREF = 936.6800	10000 IN YO
SCALE = .0405	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

# PARAMETRIC DATA

STAB = .000	RN/L = 1.090 ELEVTR = .000 ELEVON = -5.000
-------------	--

# RUN NO. 341/ 0 RN/L = .00 GRADIENT INTERVAL = ~5.00/ 5.00

## CA-8 - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F10T5402G5.3.5

(TJF342) ( 07 JUN 76 )

						,0203.3.3					
	REFEREN	ICE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	I. YMRE	) <u>a</u>	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.123 .000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	0. 342/ 0	EN/L =	.00 GRAD	DIENT INTER	VAL = -5.0	5.00			
MACH .155 .155 .154 .155 .155	12.975 22.445 38.231 53.776	ALPHAW 8.12329 8.09506 8.06412 8.18405 8.16350 8.16167 .00000	0(PSF) 35.11957 35.04175 34.94148 35.04644 35.08645 35.03819 .00000	ALPHA0 11.82151 11.81353 11.78558 11.89140 11.84747 11.81752 .00000	CL .24186 .23426 .21439 .20726 .20507 .20618 .00009	CD .06654 .06566 .06329 .06270 .06214 .00000	CLM .11704 .11832 .12019 .12228 .12340 .12455 .0000	CY .01288 .01198 .00328 00491 00539 .00000	CLN 03125 00112 00052 00018 .00029 .00000	CSL .09610 .00575 .00372 .00234 .00169 .00128	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	-81 K3.1TS7F	115.6. IF 1015	0205.3.5			1TJF34	3) (07 J	JN 76 J
	REFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ 474.8100 IN 936.6800 IN .0405	. YMRF	' = .(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = ICRB = BDFLAP =	19.116 .000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	343/ 0	RN/L =	.00 GRAD	DIENT INTER	/AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .154 .155	GP 11.327 12.950 21.649 38.174 53.425 85.120 GRADIENT	ALPHAW 10.11578 10.08391 10.21666 10.20953 10.20019 10.19593 .00000	Q(PSF) 35.17556 35.12741 35.01036 34.80795 35.32500 35.14283 .00000	ALPHA0 13.81993 13.81389 13.9475 13.92260 13.88441 13.83402 .00000	CL .3!!76 .30554 .28!96 .2730! .2635! .26495 .00000	CD .08241 .08119 .07888 .07675 .07579 .07541	CLM .12287 .12353 .12870 .13202 .13256 .13364 .00000	CY .01254 .00921 .00453 00464 00494 00591 .00000	CLN 00191 00153 00106 00009 .00018 .00038	CSL -00653 -00547 -00400 -00198 -00173 -00111 -00000	BETA .00000 .00000 .00000 .00000 .00000

	CA-	31. K3	.ITS	7HI5.6.	1FIC	115402	C5 7	=
						, , JTUE	00.5	

# (TJF344) ( 07 JUN 76 )

(TJF345) ( 87 JUN 75 )

REF	EREN	CE	DATA

SREF = 2690.0000 SQ.FT	T XMRP = 1100 cooo			PARAMETRIC DATA	
LREF = 474.8100 IN. BREF = 936.6800 IN.	YMRP = .0000	IN YO	ALPHAW =	12.139 RN/L =	1.090
SCALE = .0405	ZMRP = 375.0000		STAB = IORB =	.000 ELEVIR = 6.000 ELEVON =	.000 -5.000

	RUN NO. 344/ n			BDFLAP -	.000	ELEVUN = -5.000
.155 23.603 1 .155 39.983 1 .154 55.032 1	ALPHAW Q(PSF) 12.13869 35.18148 12.10983 35.10103 12.17103 35.02808 12.17776 34.78615 12.21185 34.58338 1.00000 .00000	RN/L = .00  ALPHAO CL 15.84799 .35; 15.83783 .338 15.86660 .330 15.86424 .324 15.80736 .324 .00000 .000	CD CLM 373 .09841 .13 397 .09614 .13 399 .09461 .14 894 .09351 .14 43 .09330 .14	CY 451 .00471 523 .00146 11800466 19600608 35100514	CLN 00151 00094 00003 .00022 .00022	CSL BETA .00461 .00000 .00356 .00000 .00198 .00000 .00149 .00000 .00137 .00000

# (CA-8) K3.1TS7H15.6.1F10TS40265.3.5

# REFERENCE DATA

SREF	2000 0000				PAPAMETRIC DATA
	= 2690.0000 SQ.FT	YMDD -	1109.0000 IN.XO		THE THIRD DATA
LREF =	1.70 Oloo 111	~ · · · · · · · · · · ·	1103.0000 IN XU		
	474.8100 IN	YMDD -	0000	ALDEIALE	1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

BREF = 935.6800 IN.	YMRP = .000	O IN.YO	ALPHAW =	.142 RN/L =	1.090
SCALE = .0405	4MRP = 375.000	O IN.ZO	STAB = 10RB =	2.000 ELEVTR = 6.000 ELEVON =	.000
공격하면 싫으면 하는 것은 하는데 하다.	사건값 분별은 외기적인 최	현실하다는 그들은 통합하는 것들이 살아.	BDFLAP =	6.000 ELEVON =	-5.000
물길 보다 그리다 하는 사람이 되는 것 같아 없다.	RUN NO. 345/ 0	RN/L = 00 CDADATHE ANTHROUGH			

MACH GP AT	RON NO. 3457 0 RN/L =	.00 GRADIENT INTERVAL = -5.0	00/ 5.00	
.155	PHAW Q(PSF) ALPHAO 14171 35.21705 3.80936 38623 35.23375 3.78684 34027 35.02961 3.73496 39123 34.95024 3.78195 00000 .00000	CL CD CLM02607 .05012 .1026602521 .05124 .1014002156 .05181 .0998101682 .05154 .09957 .00000 .00000 .00000	.00681 .0 00065 .0 00411 .0	N CSL PCTA 0027 .00432 .00000 0033 .00428 .00000 0020 .00287 .00000 0028 .00194 .00000 0000 .00000 .00000

# CA-B - FORCE SOURCE DATA TABULATION

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		(CA-8) K3.1	TS7H15.6.	IF10TS402G5.3.5
REFERENCE	DATA			

# (TJF346) ( 07 JUN 76 )

7.45.0000 114,AU		ALPHAW *	PARAMETRIC DATA 4.102 RN/L = 1.090
.0000 111.10		STAB = 10RB = BDFLAP =	4.102 RN/L = 1.090 2.000 ELEVTR = .000 6.000 ELEVON = -5.000
). 346/ 0 RN/L =	.00 GRADIENT INTERVAL = -5	.00/ 5.00	
0(PSF) ALPHA0 35-01075 7.81269 34-91595 7.79100 35-03660 7.76142 34-58845 7.89567 35-09579 7.7989 .00000 .00000	.09167 .04928 .10763	. 35:4	CLN CSL BETA03037 .03501 .0000000020 .00452 .0000000014 .00404 .00000 .00024 .00173 .03200 .00036 .00154 .00000 .00000 .00000 .00000
(CA-8) K3.1TS7F	115 6 15101540365 7 5		
			(TJF347) ( 07 JUN 76 )
			PARAMETRIC DATA
= .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = STAB = IORB = BOFLAP =	6.145 RN/L = 1.090 2.000 ELEVTR = .000 6.000 ELEVON = -5.000
	0. 346/ 0 RN/L = 0. 346/ 0 RN/L = 0. 346/ 0 RN/L = 0. 35.01075 7.81269 34.91595 7.79100 35.03660 7.76142 34.58845 7.88567 35.09579 7.7989 .00000 .00000  (CA-8) K3.1TS7H	= .0000 IN.YO = 375.0000 IN.ZO 0. 346/ 0 RN/L = .00 GRADIENT INTERVAL = -5 Q(PSF) ALPHAO CL CD CLM 35.01075 7.81269 .10142 .04962 .10820 34.91595 7.79100 .09167 .04928 .10763 35.03660 7.76142 .09386 .04961 .10865 34.58845 7.88567 .09072 .04921 .10825 34.58845 7.88567 .09072 .04921 .10825 35.09579 7.79889 .09315 .04925 .10920 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1TS7H15.6.1F101S40265.3.5	ALPHAW = 375.0000 IN.YO

가는 보고 <mark>보고 보고 있다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은</mark>	1000	=
机磨气运动 植物黄色溶透的 多名 的复数人名英国约 医腹膜切除性的 电流电流 化二十二十二十二氢	BOFLAP	Ξ

보세계 레이블 이글 텔레드 시대를 .	RUN NO. 347/ 0	RN/L =	-00 GRADIENT I	NTERVAL = -5.	.00/ 5.00			
MACH GP .155 11.341 .155 13.882 .155 22.657 .154 38.803 .155 54.562 .156 64.870 GRADIENT	ALPHAW QIPSF) 6.14489 35.33899 6.11351 35.12855 6.24802 34.97982 6.21636 34.85456 6.17381 35.39514 6.24938 35.55249 .00000 .00000	ALPHAO 9.86154 9.84369 9.95866 9.92700 9.86749 9.92898 .00000	CL CD .17385 .0551 .16491 .055 .15687 .0556 .15454 .054 .14506 .053 .15003 .0544 .00000 .0000	14 .11268 20 .11364 58 .11517 38 .11530 47 .11627	CY .00989 .00907 00066 00412 00450 00691	CLN 00079 00054 00008 .00006 .00017 .00022 .00000	CSL .00545 .00501 .00291 .00212 .00158 .00130	BTA .00000 .00000 .00000 .00000 .00000 .00000

PAGE 872

(CA-8) K			

(TJF348) ( 07 JUN 76 )

	REN		

### PARAMETRIC DATA

PARAMETRIC DATA

aj a	SREF =	2690.0000 50	CT								, UAIA	
	LREF = BREF = SCALE =	474.8100 IN 936.6800 IN	YMR	P =,	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.104 2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
			RUN N	0. 348/ 0	RN/L =	.00 GRAD	DIENT INTER	RVAL = -5.1	00/ 5.00			
	MACH -155 -155 -154 -155 -155	GP 11.340 12.803 22.643 38.479 53.912 74.993 GRADIENT	ALPHAW 8.10431 8.07025 8.05670 8.18707 8.16517 8.11336 .00000	0(PSF) 35.37829 35.09504 34.96759 34.79797 35.17866 35.26751 .00000	ALPHA0 11.80754 11.79156 11.77959 11.89340 11.85346 11.77360 .00000	CL .24,288 .23216 .21401 .21134 .20784 .20390 .00000	CD .06593 .06595 .06424 .06366 .06322 .06213	CLM .11603 .11609 .11952 .1225 .12326 .12380 .00000	CY .01128 .01149 .00132 00350 00490 00680	00104 00043 .00003	CSL .00642 .00560 .00364 .00235 .00159 .00106	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K3.1157H15.6.1F10T5402G5.3.5

(TJF349) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000	SO.FT XMRP = 1	1109.0000 1	N.XO
LREF = 474.8100 BREF = 936.6800		.0000 1	
SCALE = .0405		375.0000 1	N. 20

YMRP = .0000	IN.YO		ALPHAM	= 10.	197 RN/L =	1.090
ZMRP = 375.0000			STAB IORB		GOO ELEVIR -	
함께 발표하는 학교 하는 학교			BDFLAP		000 ELEVON =	-5.000
RUN NO. 349/ 0 RN	N/I ★ nn ci	PARIENT INTERVAL			000	

	NUN NU. 3497 0	RN/L ≠	.00 GF	RADIENT INTERV	VAL = -5.	00/ 5.00			
MACH GP .155 11.327 .155 13.837 .155 22.156 .155 38.727 .154 54.015 .154 85.777 GRADIENT	ALPHAW 0(PSF) 10.19656 35.21466 10.16151 35.23709 10.14136 35.10385 10.13204 35.03113 10.19459 34.95652 10.16716 34.74450 .00000 .00000	ALPHAO 13.91253 13.90649 13.88233 13.85616 13.89642 13.82596	CL .31917 .30778 .27860 .26506 .26777 .26799	CD - 08467 - 08246 - 07845 - 07680 - 07714 - 07639 - 09000	CLM .12221 .12435 .12696 .13066 .13233 .13337 .00000	CY .01114 .02871 .00164 00414 00595 00602	CLN 00156 00159 00073 00022 .00033 .00032 .00000	CSL .00580 .00569 .00369 .00222 .00140 .00110	BETA .00000 .00000 .00000 .00000 .00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

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.155

15,583

25.953

34.821

**GRADIENT** 

.19121

.14231

.06902

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35.27761

35.20233

35.09358

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CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF350) ( 07 JUN 76 )

PAGE 873

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#### PARAMETRIC DATA REFERENCE DATA ALPHAW = 1.090 12.193 RN/L = SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO .000 STAB = 2.000 ELEVTR = YMRP = .0000 IN.YO LREF = 474.8100 IN. BREF = IORB = 6.000 ELEVON = -5.000 936.6900 IN. ZMRP = 375.0000 IN.ZOBDFLAP = .000 SCALE = .0405 RUN NO. 350/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 BETA CL CY CLN MACH GP : ALPHAM Q(PSF) ALPHAO CD CLM .00463 100000 .13485 .00236 -.00129 . 154 20.277 12.19313 34.89476 15,90285 .35710 .09998 .00440 .00000 . 155 23.255 12.16973 15.89879 .34753 .09846 .13507 .00479 -.00145 35.02855 .00204 .00000 -.00519 -.00004 .33229 .09625 .14068 . 154 39.682 12.16124 34.82804 15.87440 .00000 .09020 .00145 55.026 15.80329 .32498 .09436 .14128 -.0CE56 12.11712 35.15437 . 155 .00000 .03:05 .33053 .09458 .14372 -.00501 .00051 34.91956 15.83783 . 154 97.352 12.24956 .00000 .00000 .00000 .00000 .00000 .00100 GRADIENT .00000 .00000 .00000 (TUF351) ( 07 JUN 76 ) (CA-8) K3.1157 F101540265.3.5 PARAMETRIC DATA REFERENCE DATA .239 RN/L = 1.090 SREF = 2690.0000 50.FT XMRP @ 1109.0000 IN.XO ALPHAN = 1CRB = 6.009 ELEVON = -5.000 LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 935.6800 IN. BOFLAP = ZMRP = 375.0000 IN.ZO.000 SCALE = .0405 .00 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 351/ 0 RN/L = CL BETA MACH ALPHAN O(PSF) CAHPJA CD. CY CLN CSL CLM -.02:03 .05059 .10:60 .01517 .00014 .005:3 .00000 .23892 35.13541 3.92195 . 155 11.273

-.01563

-.01447

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3.99335

3.84652

3.77020

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			10.						FAUL 874		
			10/	(-8) K3.11S7	FIOT	540205.3.5	ITJF3	52) (07,	JUN 76 1		
	REFERE	NCE DATA							D.D.		
SREF ≠	2690.0000 5	O.FT XMS	P = 1109	0000 111 110					PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 1 936.6800 1 .0405	N. YME	P =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAH = 10RB = BDFLAP =	4.108 6.000 .000	RN/L = ELEVON =	1.090 -5.000
		FUN N	0. 352/ 0	RN/L =	.00 GRADIENT INTERVAL = -5.00/ 5.00						
MACH	GP	ALPHAW	Q(PSF)	ALPHAO	CL			3.00			
. 155	11.331	4.10819	35.38497	7.81961	.09509	CD	CLM	CY	CLN	* CSL	BETA
. 155 . 155	55 15.349 4.07318 55 23.753 4.07012		35.02428	7.79591	.09182	.04863 .04837	.10731	.009-1	00040	.00590	.00000
. 154	55 23.753 4.07012 54 39.724 4.13155		35.01822	7.80086	.09327	.04869	10754	.03415	00007	.00439	.00000
.155	54.741	4.13155	34.83046	7.85017	.08950	.04892	.10837	.00161	00021	.00379	.00000
	GRADIENT	.00000	35.06576 .00000	7.86875	.08999	.04873	.10918	00515	.00003	.00124	.00000
		.00000	, 00000	.00000	.00000	.00000	.00000	.00000	.00000	.00134	.00000
										.00000	• 00000
			(CA-	8) K3.1TS7	FINTS	40265.3.5			1000年		
	REFEREN	ICE DATA				.0203.3.5			ITJF35	131   ( 07 JI	JN 76 1
		ICE DATA							PARAMETRIC	DITA	
SREF =	2690.0000 SC	FT XMRP	= tino n	000 IN.XO					1 MINNE INTO	DATA	
LHEF =	474.9100 IN	. YMRE		000 IN.XO				ALPHAW =	6.177	RN/L =	1.090
BREF =	936.6800 IN	ZMRP	= 375.0	000 IN.70				10RB =	6.000	ELEVON =	-5.030
SCALE =	.0405							SUFLAP =	.000		5.555
		A									
		RUN NO	. 353/ 0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH	GP	ALPHAW	O(PSF)	41 01:40				3.33			
. 155	11.341	6.17723	35.22797	ALPHA0 9.90518	CL	CD	CLM	CY	CLN	CSL	BETA
. 155	14.249	6.13824	35.10683	9.88534	.170+1	-05525	.11197	.01142	00081	.00570	.00000
.155	23.106	6.11079	35.01854	9.85360	.15182	.05378	.11170	-00612	00060	-00534	.00000
.154° .155	38.859	6.20999	34.84969	9.94584	.15053	.05381 .05346	-11360	.00272	00037	.0035:	.00000
.155	54.808 65.264	6.17309	35.00163	9.89129	.14634	.05290	.11409	00460	.00007	.00203	.00000
• • • • • • • • • • • • • • • • • • • •	GRADIENI	6.27904 .00000	35.01033	9.98255	.14954	.05282	.11561	00551 00704	.00025	-00167	.00000
	5.,001.EII.	• กอกดูก	.00000	.00000	.00000	.00000	.00000	.00000	.00014	.00160	.00000
									.03000	.00000	.00000

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## CA-8 - FORCE SOURCE DATA TABULATION

			0 101,02 3			P	AGE 875				
			(C,	A-8) K3.ITS7	FIDTS	40265.3.5			(TJF3	54) (07 <sub>.</sub>	JUN 76 )
	REFERE	NCE DATA							PARAMETRI	COATA	
SREF = LREF = BREF = SCALE =	2690.0000 S 474.8100 I 936.6800 I .0405	N. YMF	?P ≊	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = IORB = BDFLAP =	8.175 6.000 .000	RN/L = ELEVON =	1.090 -5.000
		RUN N	10. 354/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .154 .155 .155 .155 .155	GP 11.340 13.841 23.141 39.064 54.512 75.653 GRADIENT	ALPHAW 8-17491 8-14332 8-10524 8-20525 8-17970 8-20520 -00000	Q(PSF) 34.82793 35.14:14 35.10707 35.17678 35.22755 35.13621 .00000	ALPHAO 11.89140 11.88341 11.83948 11.92735 11.88142 11.87942 .00000	CL .24872 .24269 .21367 .21107 .20618 .20655 .00000	CD .06613 .06515 .06236 .06262 .06203 .06161	CLM .11645 .11817 .11917 .12235 .12225 .12175 .00000	CY .01701 .00958 .00134002480043000533 .00000	CLN 00190 0026 0026 0026 .00019	CSL .00640 .00581 .00397 .00250 .00184 .00130	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7	FIOTS	10265.3.5			(TJF35	5) (07 JI	UN 76 )
	REFEREN	CE DATA							PARAMETRIC		
SREF # LREF = BREF = SCALE =	2690.0000 SC 474.8100 IN 936.6800 IN .0405	. YMRI	Ρ ≒ `````	0000 1N.XO 0000 1N.YO 0000 IN.ZO				ALPHAW = IORB = BDFLAP =	10.215 6.000	RN/L = ELEVON =	1.090 -5.000
		RUN NO	D. 355/ O	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .154 .154 .155	GP 11.326 14.746 22.585 38.903 54.446 86.043 GRADIENT	ALPHAW 10.21554 10.17320 10.14945 10.12327 10.25796 10.25964 .00000	0(PSF) 35.09656 35.16715 35.02009 34.77791 34.68373 35.17687 .00000	ALPHAO 13.94072 13.92058 13.88837 13.84609 13.9588 13.91253	CL .31575 .30197 .27825 .26474 .26285 .26624	CD .08165 .07950 .07606 .07503 .07501	CLM .12020 .12352 .12574 .12751 .12992 .13134	CY .01219 .01077 .00317 00305 00543	CLN 00193 00181 00098 00014 .00015	CSL .00652 .00649 .00424 .00209 .00153	BETA .00000 .00000 .00000 .00000

			(CA	-8) K3.1TS7	FIOTS	0265.3.5			(TJF36	6) (07J	UN 76 )
	REFERENCE	DATA					PARAMETRIC	DATA			
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP		0000 IN.XO 0000 IN.YO 0000 IN.ZO			ALPHAW = 10RB = BDFLAP =	12.152 6.000 .000	RN/L = ELEVON =	1.090 -5.000	
		RUN NO	. 356/ 0	RN/L ≖	.00 GRAL	JIENT INTERV	/AL = -5.0	00/ 5.00			
MACH - 156 - 155 - 154 - 154	20.248 12 23.454 12 39.611 12 54.986 12 97.349 12	ALPHAW .15178 .11677 .21019 .20125 .22809 .00000	Q(PSF) 35.71228 35.04432 34.87890 34.73462 34.94830 .00000	ALPHA0 15.88863 15.86221 15.94351 15.91099 15.85002	CL .35640 .34205 .33471 .32519 .32492 .00000	CD .09777 .09494 .09470 .09306 .09244 .00000	CLM .13345 .13428 .13885 .14016 .14132 .00000	CY .0C611 .00685 00415 00649 00643	CLN 00174 00147 00019 .00033 .00051 .00000	CSL .00514 .00453 .00244 .00166 .00076	BETA .00000 .0000 .0000 .0000 .0000
			(CA	-81 K3.1TS7H	15.6.IF10TS4	0265.3.5			(TJF35	ី៖) ( 07 JI	UN 75 )
	REFERENCE I	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .1	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	.223 000.5- 000.6	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	. 357/ 0	RN/L =	.00 GRAD	IENT INTERV	/AL = -5.0	10/ 5.00			
MACH .155 .155 .155 .154	11,279 14,924 24,710 33,679	ALPHAW .22295 .17855 .12577 .05099 .00000	0(PSF) 35.21410 35.23069 35.02086 34.98216 .00000	ALPHA0 3.90531 3.88475 3.82894 3.75160 .00000	CL 02639 02450 03034 02852 .00000	CD .04749 .04724 .04792 .04780 .00000	CLM .10312 .10194 .10041 .10028 .00000	CY .01280 .01178 .00005 00306 .00000	CLN .00029 .00023 .00051 .00016	CSL .00492 .00501 .00246 .00224 .00000	BETA .03000 .00000 .00000 .00000

CA-8 - FORCE SOURCE DATA TABULATION

( 07 JUN 76 )

PARAMETRIC DATA

PARAMETRIC DATA

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_	_	_	_	~	-	٠	ú	_	_	٠.	-	•		

SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	FT XMRP YMRP		0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	3.987 -2.000 6.000 .000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
MACH .155 .155 .155 .154	159.15	RUN NO ALPHAW 3.98720 3.99356 4.11509 4.16751 4.16005 .00000	0(PSF) 35.16677 35.16712 35.03876 34.93078 34.79987 .00000	RN/L =  ALPHAO 7.69634 7.69944 7.83933 7.87778 7.85806 .00000	.00 GRADII CL .09447 .09044 .08114 .08677 .08263 .00000	CD .04558 .04529 .04543 .04454 .04405 .00000	CLM .10959 .10916 .10920 .10965 .10996 .00000	CY .00840 .00455009660048100675 .00000	CLN 03048 00026 .00012 .00009 .00027 .00000	CSL .00515 .00586 .00356 .00173 .00159 .00000	BETA .00000 .00000 .00000 .00000 .00000

(CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

								AL DUALL		. 129	RN/L =	1.090
SREF	= 2	2690.0000	SQ.FT	XMRP =				ALPHAW :				-23.000
LREF	=	474.8100	IN.	YMRP =	.0000	IN.YO		STAB :			ELEVON =	
BREF	=	936.6800	IN.	ZMRP =	375.0000	IN.ZO		10RB :			EFFAON -	- 5.000
SCALE		.0405						BDFLAP	<b>=</b>	,000		
	and the	4 - 15-15-5										

	RÚN NO	). 359/ 0 RN/L =	.00 GRADI	ENT INTERVAL =	-5.00/ 5.00		
.155   1 .155   1 .155   6 .154   3 .154   5	P ALPHAW 1.341 6.12857 2.896 6.09878 1.755 6.17578 7.626 6.14145 3.457 6.21640 3.858 6.15146 DIENT .00000	0(PSF) ALPHAO 35.27591 9.83575 35.16560 9.82584 35.07950 9.90518 34.91195 9.85955 34.89288 9.92105 34.98530 9.84170 .03000 .00000	. 15954 . 14562 . 14363 . 14066	.05:33 .1 .05:005 .1 .04:920 .1 .04:811 .1	M         CY           1227         .01059           1323         .00780           1443         .00149           1586        00585           1611        00777           1593        00784           0000         .00000	CLN 00088 00054 00033 .00019 .00039 .00016 .00060	CSL BETA .00625 .00000 .00572 .00000 .00438 .00000 .00269 .00000 .00150 .00000 .00169 .00000

# (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF360) ( 07 JUN 76 )

## REFERENCE DATA

## PARAMETRIC DATA

SREF = 2690.0000 LREF = 474.8100 BREF = 936.6800 SCALE = .0405	IN. YMRP = 375	.0000 IN.XO .0000 IN.YO .0000 IN.ZO		ALPHAW = STAB = 10RB = BDFLAP =	-2.000		1.090 -23.000 -5.000
MACH GP .155 11.341 .155 12.974 .155 22.30 .154 38.03 .155 53.755 .155 74.697 GRADIENT	8.18984 35.29226 1 8.16166 35.20693 1 8.12407 34.96881 8.09124 35.01959 8.13433 35.22105 1 .00000 .00000	ALPHAO CL 11.93734 .23810 11.93735 .23137 11.89540 .21101 11.84747 .19940 11.79755 .19569 11.81752 .19664 .00000 .00000	CD CLM .06368 .116 .06244 .118 .05959 .120 .05770 .121 .05680 .122	.00801 .00232 .00232 .00452 .7500496 .1900928	CLN 001!1 00108 00018 00010 .00006 .00038 .00000	CSL .00494 .00558 .00400 .00222 .00191 .00101	BETA .00000 .00000 .00000 .00000 .00000 .00000

## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF361) ( 07 JUN 76 )

## REFERENCE DATA

SREF =	7600 0000 0							PARAMETRIC	DATA	
LREF = BREF = SCALE =	2690.0000 Si 474.8100 II 936.6800 II .0405	N. YMRP	' = .000	D IN.YO			ALPHAW = STAB = ICRB = BDFLAP =	10.205 -2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
		RUN NO	. 361′D i	?N/L = .0	GRADIENT I	NIERVAL = -5.0	00/ 5.00			
MACH . I 55 . I 55 . I 54 . I 55 . I 55	GP 11.326 15.341 21.505 38.185 53.337 85.145 GRADIENT	ALPHAW 10.20528 10.18049 10.16489 10.14547 10.17747 10.16112 .00000	35.05292   34.97478   34.89656   135.00366   13	3,94072 3,93871 3,91656 3,88031 3,89239 3,82395	CL CD .31144 .080 .29193 .076 .27677 .073 .25920 .070 .25926 .070 .25702 .069 .0000 .000	41 .12650 76 .12875 08 .13066 82 .13295 89 .13318	CY .00966 .00535 .00412 00367 00697 00747 .00000	CLN 00170 00152 00076 00025 .00030 .00034 .00000	CSL .00607 .00603 .00434 .00277 .00154 .00155	BETA .00000 .00000 .00000 .00000 .00000

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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10.4-01	レア・11					
(CA-8)	(A)	15/HI5	S 151	OTCH	Once.	
		, -,,,,,,,,,	O . 1 F 1	U 1 54	11/11/11	~ h

(TJF362)

	REFERENCE	DATA							CIUPS	o2) ( 107 J	UN 76 )
SREF =	2690.0000 SQ.F		<b>=</b> 1109.000	ח א או חנ					PARAMETRIC	DATA	
BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	• .000	00 IN.YO 10 IN.ZO				ALPHAW * STAB = IORB = BDFLAP =	12.137 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
		RUN NO.	362/ 0	RN/L =	.00 GRAD	ENT INTERV			.000		
MACH	GP	ALPHAN	O(PSF)	ALPHAO			AL = -5.00	0/ 5.00			
. 155 . 155 . 155 . 154 . 155	20.183 12 24.023 12 39.500 12 55.045 12 97.254 12	13695 10808 14851 14895	35.28359 1 35.23976 1 35.01169 1 34.84281 1	5.89269 5.87847 5.91708 5.89066 5.89473	CL .35303 .33474 .32269 .31861	CD .09517 .09157 .08953 .08786	CLM .13582 .13663 .14137 .14268	CY .00759 .00037 00262 00714	CLN 00164 00118 00040 .00027	CSL .00524 .00431 .00290 .00154	BETA .00000 .00000
	GRADIENT	.00000	.00000	.00000	.32300	.08852	.14435	00607 .00000	.00000	.00000	.00000 .00000 .00000
			(CA-8)	K2.1TS7H15	6.6.IF10TS40	165 Z E					
	REFERENCE (	DATA				103.3.5			(TJF36	+) ( 07 JU	N 76
SREF =								F	ARAMETRIC	DATA	
LREF = BREF = SCALE =	2690.0000 SO.FT. 474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= 375.0000	IN.YO				BETA = STAB = IORB =	.000 -2.000 3.000	RN/L = ELEVTR = ELEVON = GP =	1.090 .000 .000
		RUN NO.	364/0 R	N/L = .	00 GRADIE	NT INTERVAL	5.00/	<b>5.00</b>			
.1	CH ALPHAW 155 2.229 155 3.220 155 4.278 155 6.264 155 8.362 155 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000	0(PSF) 35.22539 35.02698 35.04401 35.37362 35.12715 08735	ALPHAO 2.85385 3.83481 4.88214 6.85030 8.90489 .98989	CL 02489 .00197 .02574 .08204 .14189 .02518	CD .01717 .01657 .01580 .01801 .02311	CLM .04653 .04975 .05316 .0581 .06291 .00324	CY 0080 0064 0052 00786 00735	0 .000 7 .000 8 .000	17 .0013 11 .0013 01 .0010 53 .0011	59 50 5 0

( 07 JUN 76 )

(TJF365) ( 07 JUN 76 )

(TJF356)

# (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

					T	

SREF				IN.XO			PARAMETRIC	DATA	
BREF	= 936.6800	IN. YMRF	ooo. ≖ °	IN.YO		BETA = STAB =	.000	RN/L =	1.090
SCALE	- = .0405		2,3.0000	114.20		ICRB =		ELEVIR = ELEVON =	.000
		PUN NO	Y are			BDFLAP =	-11.700	GP ≖	54.000

MACH	ALPHAM			//L = ,00	GRADIENT	INTERVAL =	-5.00/	5.00		
. 155 . 155 . 155 . 155	4.258 6.229 8.229	.00000 .00000	0(PSF) 35.23638 35.04847 35.13105	ALFHA0 4.87625 6.80996 8.77833	CL .02568 .07814 .13562	CD .01601 .01686	CLM .05311 .05870	CY 00557 00529	CLN .00034 .00047	CSL .00127 .00195
. 155		.00000	35.26875 35.35460 .00000	10.84687 12.83976 .00000	.19503 .25679 .00000	.02147 .03058 .04342 .00000	.06332 .06929 .07456 .00000	00548 00507 00473	.00034 .00037 .00043	.00147 .00165 .00154

# (CA-8) K2.1157H15.6.1F10TS40165.3.5

## REFERENCE DATA

SREF		2690.0000	SQ.FT.	XMRP	= 1109.000	מציאו מ					,	ARAMETRI	) DATA		
BREF	= = :	474.8100 936.6800		YMRP ZMRP	000	D IN. YO				BETA	=	.000	RN/L	<b>*</b>	1.390
SCAL	Ε =	-0405		Lung	= 375.000	J IN.20				STAB 102B	=	-2.000 3.000	ELEVIR :		.000
				DUN NO						BDFLAP	= 1	-11.700	GP =		.000 4.000
				RUN NO.	366/ 0	?N/L =	nn	COSDICHT	111755						

MACH	ALPHAW		366/ 0 RI	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		- 44
. 185 . 186 . 185 . 185	2.177 3.221 4.258 6.282 8.311 GRADIENT	BETA -00000 .00000 .00000 .00000 -00000 .00000	0(PSF) 50.24765 50.47679 50.26923 49.81036 50.13392 .01060	ALPHAO 2.94187 3.98364 4.99990 6.98808 8.96423 .98892	CL 02448 .00253 .02972 .08399 .14120 .02505	CD .01732 .01515 .01505 .01728 .02184 00109	CLM .04677 .05034 .05328 .05918 .06429	CY 00436 00684 00430 00435 00425 .00003	CLN .00041 ~.00004 .00019 .00011	CSL .00203 .00156 .00170 .00197

DA	TE	05		11 16	76
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### (CA-8) K2.11S7H15.6.1F10TS401G5.3.5

(TJF367) ( D7 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF LREF BREF SCALE	= 474. = 936.	0000 SQ.FT 8100 IN. 6800 IN. 0405	. XMRP YMRP ZMRP	= 1109.0000 IN.X0 = .0000 IN.Y0 = 375.0000 IN.Z0			BETA = STAB = IORB = BDFLAP = -	.000 RN/L -2.060 ELEVTR 3.000 ELEVON -11.700 GP	
			RUN NO.	367/ 0 RN/L =	.00 GRADIENT	INTERVAL =	-5.00/ 5.00		
	MACH .185 .185 .186 .186 .186	ALPHAW 4.252 6.288 8.348 10.322 12.438 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000	50.39596 6.985 50.20541 8.985 50.26782 10.950 50.22425 12.944	509 .02871 513 .08181 797 .14682 035 .20056 +02 .26302	CD .01480 .01657 .02208 .03063 .04381 .00000	CLM CY .0537400485 .0593900530 .0646800446 .0700100743 .0752500593 .00000 .00000	0.09056 0.09045 0.00031 0.00019	CSL .00202 .00191 .00255 .00150 .00163

### (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(TJF368) ( 07 JUN 76 )

#### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP	= 1109.000	O IN.XO		BETA	= .000	RN/L ≖	1.430
LREF = 474.8100 IN. YMRP	= .000	IN.YO	하는 사람들 것이다.	STAB	-2.900	ELEVTR =	.000
	= 375.000	IN.ZO		IORB	= 3.300	ELEVON =	.000
SCALE = .0405				BOFLAP	= -11.700	GP ≖	44.000

### RUN NO. 358/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH ALPHAW BETA	G(PSF) ALPHAO	CL CD	CLM CY	CLN CSL
.204 2.213 .00000	60.22349 2.97758	02052 .0:608	.04796 - 06527	1.00052 .00170
.204 3.238 ,00000	60.45488 3.99245	.00535 .0:507	.0510500470	.00033 .00180
-204 4.307 .00000	60.22012 5.03707	.03254 .01492	.0542100439	.00028 .00179
.204 6.257 .00000	60.34508 6.95462	.08350 .01665	.0599200387	.00044 .00234
.204 8.337 .00000	60,40564 8,93061	14287 .02137	.0641800578	.00032 .00170
GRADIENT .00000	00316 .98347	.0253400055	.00298 .00042	00011 .00004

## (CA-8) K2.1TS7H15.6.1F10TS40165.3.5

(TJF363) ( 07 JUN 76 )

THE REPORT OF THE PROPERTY OF		
사용하는 사람들이 많은 Charles Hall All Harris 사람들이 모든 사용하는 보다 하는데 그리고 그렇게 되는데 하는데 되었다. 그 Harris Hall PAR	RAMETRIC DATA	
SCALE = 0405 100 100 100 100 100 100 100 100 100 1	.000 RN/L = -2.000 ELEVTR = 3.000 ELEVON = 11.700 GP =	1.430 .000 .000 54.000

	RUN NO.	369/0 RN/L = .0	O GRADIENT INTERVAL =	-5.00/ 5.00		
MACH ALPHAW ,204 4,239 ,204 6,310 ,204 8,361 ,204 10,342 ,204 12,403 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000	0(PSF) AL PHA0 60.19713 4.96450 60.24327 6.99497 60.03724 8.96621 60.39382 10.89860 60.32885 12.95003 .00000 .00000	CL CD .03199 .01510 .08647 .01679 .114208 .02179 .20147 .03001 .26730 .04389 .00000 .00000	CLM CY .0541300858 .0597000501 .0550900493 .0703500506 .0760000638 .00000 .00000	CLN CSL .00071 .0019 .00051 .0019 .00034 .0017 .00032 .0022 .00036 .0017	91 77 24 78

## (CA-8) K3.1TS7H15.6.1F20T5401G5.3.5

(TJF373) ( 07 JUN 76 )

OFFERENCE DATA	말이는 하면 말을 하게 되는 그들을 살아 보다 하게 되었다.		PARAMETRI	C DATA	
SREF = 2590.0000 SO.FT. XMRP = LREF = 474.8100 IN. YMRP = BREF = 936.6800 IN. ZMRP = 5CALE = .0405	.0000 IN.YO	BETA STAB 10RB BOELAP	= .000 = -2.000 = 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000

			,,,,,	11476 = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH .155 .155 .155 .155 .155 .155 .156 .155	ALPHAW .254 2.245 4.325 6.280 8.375 10.377 12.484 14.471 16.581 18.442 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.14399 35.12032 35.19013 35.18271 35.24955 35.26619 35.24913 35.40319 35.08266 35.18513 .01150	ALPHAO 3.95231 5.93212 7.97643 9.90319 11.96731 13.93871 16.02077 17.97078 20.06754 21.93555 .98844	CL 08478 03716 .02043 .07867 .14193 .20919 .27359 .34242 .41879 .47197 .02586	CD .01579 .01141 .01083 .01418 .02155 .03359 .04972 .07047 .09950 .12517	CLM -11048 -11646 -12287 -12881 -13550 -14332 -15077 -15926 -16993 -17852 -00304	CY0055600850010430097801010006800098700749007200081600117	CLN .00073 .00080 .00063 .00055 .00058 .00054 .00063 .00060 .00025	CSL .00131 .00054 .00064 .00073 .00085 .00070 .00096 .00099

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office of the first part of the	(CA-B) KS.	115/H15.6	. 11 10154	10205.3.5
	法国际公司 化乙烷基酚			

(TJF374) ( 07 JUN 76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F1 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	; <b>=</b>	000 IN.X0 000 IN.Y0 000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	.187 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 374/ 0	RN/L =	.00 GRAI	DIENT INTER	/AL = -5.0	00/ 5.00			
MACH . 155 . 155 . 155 . 154 . 154	GP 11.278 12.354 14.764 20.253 24.870 28.200 33.706 GRADIENT	ALPHAW .18721 .14876 .13270 .10437 .16164 .13551 .13560 .00000	Q(PSF) 35.45882 35.43850 35.19708 35.16854 35.14323 35.17858 35.17858 35.15864 .00000	ALPHAO 3.82404 3.81719 3.80544 3.77803 3.83188 3.83740 3.80642 .00000	CL 02897 02927 02849 02834 02622 02435 01794 .00000	CD .04970 .04988 .05030 .05063 .05023 .05080 .05042 .00000	CLM .10262 .10285 .10290 .10120 .0145 .10168 .10225 .00000	CY .01616 .01517 .00789 .00246 00155 00051 00055	CLN .00052 .00045 .00055 .00057 .00036 .00053 .00048	CSL .00516 .00483 .00474 .00328 .00250 .00256 .00294	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA-	81 K3.1TS7H	115.6.IF10TS	10265.3.5			(TJF37	5) (07 Ju	IN 76
	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .Õ	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	4.094 -2.000 6.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 375/ 0	RN/L =	.00 GRAE	HENT INTERV	'AL = -5.0	0/ 5.00			
MACH . 154 . 154 . 154 . 155 . 155 . 155	11.331 4 13.575 4 18.955 4 22.859 4 26.997 4 38.988 4	ALPHAW .09424 .11606 .10654 .12871 .11917 .16040 .19178 .00000	0(P5F) 35.14886 35.09338 35.13116 35.04886 35.29444 35.16762 .00000	ALPHAO 7.76733 7.80283 7.78705 7.81072 7.79899 7.83636 7.86003	CL .09594 .09637 .08981 .08556 .08629 .08603 .08676	CD .04830 .04843 .04817 .04877 .04801 .04859 .04802	CLM .10927 .10981 .11027 .11060 .11054 .11054 .11154 .30000	CY .01446 .00760 .00654 .00169 .0019 ~.00172 ~.00503	CLN 00029 00021 00008 00008 00000	CSL .60653 .00516 .00489 .00356 .00249 .00195 .00151	BETA .00000 .00000 .00000 .00000 .00000 .00000

# 3 (m)

11.83549

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#### (CA-8) K3.1TS7H15.6.1F10TS40265.3.5 (TJF376) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF 2690.0000 SQ.FT = XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. ALPHAW = YMRP = 6.154 .0000 IN.YO FN/L BREF = 1.090 936.6800 IN. STAB ZMRP 375.0000 IN.ZO -2.000 ELEVTR = SCALE = .000 .0405 IORB 6.000 ELEVON = -5.000 BDFLAP = .000 RUN NO. 376/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW OIPSF) **ALPHAO** . 154 CL CD 11.341 6.15392 CLM 35.09331 ĊY 9.82187 CLN .15934 CSL BETA . 154 .05429 35.06990 13.441 .11396 6.12049 .01076 9.81592 -.00079 .00614 . 15376 .00000 . 154 .05354 18.881 6.11154 -11450 .01134 35.12646 -.09057 9.80204 .00536 .15039 .00000 .00596 .00398 .00112 -.00369 .155 .05370 22.548 .11594 6.09820 9.78816 -.00031 -.00027 35.29627 .14509 .14428 .14295 .00450 .00000 .155 .05295 26.630 .11445 6.12904 35,21975 -00410 .00000 . 154 .05283 38.416 6.18765 .11624 35.10185 -.00005 9.85947 .00382 .00000 . 154 .05218 54.097 .11679 6.14290 35.14961 .00008 .00000 .00222 9.81195 .05303 .155 14168 64.532 .11808 .00022 6.20736 35.18034 9.86154 .00180 . 13954 GRADIENT 11781 .00000 -.00325 .00000 .00000 .00000 .00165 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1TS7H15.6.1F10TS40265.3.5 (TJF377) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF 2690.0000 SQ.FT = XMRP 1109.0000 IN.XO LREF = 474.8100 IN. ALPHAW = YMRP .0000 IN.YO 8.131 RN/L = 1.090 BREF = 936.6800 IN. 375.0000 IN.ZO STAB ZMRP = -2.000 ELEVIR = SCALE = .000 .0405 TORB 6.000 ELEVON = -5.000 BOFLAP = .000 RUN NO. 377/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q (PSF) ALPHAO CL .155 CD 11.340 8,13055 CLM 35.19267 11.81353 CY 12.708 18.315 22.092 25.092 38.969 53.554 CLN .23164 .155 BETA .06469 .11866 8.10990 .01340 35.19987 11.81153 -.00114 .00596 .22753 .00000 .155 .06384 .01339 .00913 .00526 .00264 8.14700 35.19232 -.00127 .00646 11.84547 .00000 .21623 .155 .06292 .12168 8.14017 35.20027 -.00082 11.83549 .21041 .20562 .20084 .00000 . 154 .06286 .12211 8.13370 -.00058 35.07348 11.82750 .00479 .00000 .154 .06134 .:2277 8.11989 35.15449 -.00043 .00387 11.80354 .00000 . 154 .06165 .12351 8.16845 35.14038 -.00003 .00260 11.83349 .00000 .20309 .06193 .06179 74.725 GRADIENT .155 .12536 8.20010 -.00335 35.20848

.00000

.12560

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	TS40265.3.	

(TJF378) ( 07 JUN 76 )

	DEFEDE	NOT DATE							CIJF3	101 (01)	JUN 76 )
		NCE DATA							PARAMETRI	C DATA	
SREF = LREF = SCALE =	2690.0000 50 474.8100 11 936.6800 11 .0405	N. YMRE	> =	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10.146 -2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	0. 378/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.1	00/ 5.00			
MACH . 154 . 155 . 154 . 154 . 155 . 155		ALPHAW 10.14611 10.11614 10.10590 10.10513 10.11813 10.13770 10.20543 10.20545 -00000	0(PSF) 34.99931 35.19281 35.21166 35.14441 34.98085 35.35109 35.18226 35.30067 .00000	ALPHA0 13.81993 13.81590 13.80785 13.81791 13.83200 13.8726 13.82798 .00000	CL .3C890 .29365 .27691 .27077 .26566 .26169 .26237 .26170	CD .06106 .07954 .07700 .07631 .07560 .07507 .07514 .07429	CLM .12511 .12638 .12891 .12929 .13084 .13213 .13414 .13393 .03000	CY .01829 .01677 .01902 .00483 .005360024200519005427 .00000	CLN 00198 00192 00148 00080 00082 00026 .00034 .00018	CSL -00733 -00705 -00550 -00474 -00446 -00252 -00173 -00148	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-81 K3.1TS7	/H15.6. F10TS	+0265.3.5			11.1537	'9) (07 II	N 76 1
	REFEREN	ICE DATA	(CA	-81 K3.1TS7	/H15.6.lF10TS	+0265.3.5			tTJF37		JN 76 1
SREF =					/H15.6.1F10TS	10265.3.5			TUF37		JN 76 )
SREF = LREF = BREF = SCALE =	REFEREN 2690.0000 SQ 474.8100 IN 936.6800 IN .0405	1.FT XMPP I. YMRP	= 1109. -	0000 IN.XO 0000 IN.XO 0000 IN.YO 0000 IN.ZO	/H15.6. F1015	10265.3.5		ALPHAW = STAB = ICRB = BDFLAP =			1.090 .000 -5.000
LREF = BREF =	2690.0000 SQ 474.8100 IN 936.6800 IN	I.FT XMPP	= 1109. = 375.	0000 IN.XO		10265.3.5 DIENT INTERV	AL = -5.0	STAB = ICRB = BCFLAP =	PARAMETRIC 12.167 -2.000 6.000	DATA RN/L = ELEVIR =	1.090

## (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF380) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

LREF = 474 BREF = 936.	0000 SQ.FT 8100 IN. 6900 IN. 0405	YMRP		00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	2.000	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO.	380/ 0	RN/L =	.00 GRADI	ENT INTERVA	L = -5.00	5.00			
.155   .155   .154   .155   .155   .154   3	1.277 4.679 0.164 4.765 8.122 3.621	.15103 .12191 .12985 .14399	Q(PSF) 35.28816 35.22034 35.07085 35.33976 35.13845 35.15302 .00000	ALPHA0 3.75924 3.82598 3.79859 3.90740 3.82306 3.82894 .00000	CL 02702 02505 02686 02213 02441 02024 .00000	CD .05190 .05107 .05199 .05228 .05179 .05212 .00000	CLM .10224 .10220 .10198 .10171 .05886 .05983	CY .01766 .00695 .00293 .00094 00050 00353	CLN .03045 .00069 .00045 .00048 .00027 .00038	CSL .00574 .00471 .00313 .00344 .00258 .00227	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA-8)	K3.1157H1	5.6.1F10TS40	265.3.5			(TJF381)	) ( 07 JU	N 76 )

	REFERENCI	E DATA									Q.1 10 1
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405		, =	0000 IN.X0 0000 IN.Y0 00.01 C0C0				ALPHAW = STAB = IORB = BDFLAP =	4.129 2.000 6.000 .000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
MACH .154 .154 .155 .154 .155 .155	27.365 39.384	RUN NO ALPHAW 4.12865 4.09937 4.09787 4.12593 4.11645 4.15853 4.19844 .00000	0(PSF) 35.11638 35.01189 35.23534 35.12479 35.17525 35.35572 35.10475 .00000	RN/L =  ALPHAO 7.79889 7.79100 7.78903 7.81466 7.80283 7.84228 7.86792 _00000	.00 GR/ CL .09192 .09247 .08623 .08344 .08366 .08893 .08693	CD .04963 .04953 .04953 .04950 .04954 .04954 .04998 .05003 .00000	VAL = -5.  CLM .10684 .10863 .10969 .10921 .10974 .1011 .00000	CY .01153 .01252 .00718 .00132 .092790031300164 .00000	CLN 00025 00036 .00011 .00024 .00018 .00027 .00032	CSL .00587 .00630 .00419 .00352 .00298 .00188 .00210	BETA .00000 .00000 .00000 .00000 .00000 .00000

# CA-8 - FORCE SOURCE DATA TABULATION

PAGE 887

(CA-8) K3.	.1TS7H15.6.	1F10TS402G5.3.5	

(TJF382) ( 07 JUN 76 )

	REFERENC	E DATA			To the second						
SREF =	2690.0000 SQ.								PARAMETRI	C DATA	
LREF * BREF * SCALE *	474.8100 IN. 936.6800 IN.	YMR	P =	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.149 2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN N	0. 382/ 0	RN/L =	.00 GRA	DIENT INTER	RVAL = -5.	00/ 5.00			
MACH .155 .154 .155 .154 .154 .155 .155	13.492 18.954 22.615	ALPHAW 6.14849 6.12462 6.10676 6.16822 6.14156 6.16750 6.18217 .00000	0(PSF) 35.25693 35.01905 35.17367 35.102264 35.02204 35.05284 35.34462 35.18838 .00000	ALPHAO 9.82782 9.81790 9.80500 9.73509 9.85955 9.82980 9.84369 9.84170 .00000	CL .15833 .15310 .14336 .14375 .14641 .14551 .13977 .14193 .00000	CD .05565 .05487 .05402 .05389 .05392 .05426 .05427 .05429	CLM .11109 .11149 .11363 .11394 .11+79 .11582 .11505 .11574	CY -01469 .00987 .00550 .00310 .00010 00181 00221 00371 .00000	CLN 00068 00031 00013 00013 .00018 .00032 .00035	CSL .00618 .00581 .00575 .00375 .00344 .00205 .00206 .00150	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-8) K3.1TS7H	15.6.!F10TS4	0205 3 5					
	REFERENCE	DATA				9.03.3.3			ITJF38	3) (07)	UN 75. )
SREF =									PARAMETRIC	DATA	
LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 935.6800 IN. .0405	YMRP ZMRP	= 375.	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.171 2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 383/ 0	RN/L =	.00 GRAD	ENT INTERV	/AL = -5.0	0/ 5.00			
MACH . 155 . 155	GP 11.340	ALPHAN 8.17094	0(PSF) 35.23395	ALPHA0 11.84547	CL .23713	CD . 06643	CLM	CY	CLN	CSL	BETA

### (CA-8) K3.1TS7H15.6.1F10TS402G5.3.5

(TJF384) ( 07 JUN 76 )

p	_	_	_	0	_	N.	_	n	A.	7	Α.

LREF = H74.8100 IN. YMRP = .0000 IN.YO SREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO

### PARAMETRIC DATA

2.000

6.000

ELEVIR =

ELEVON =

.000 -5.000

LREF = 47	0.0000 SQ.FT XMR 4.8100 IN. YMR 6.6800 IN. ZMR .0405	P = .0000 IN.YO		ALPHAW = STAB = 10RB = BDFLAP =	10.148 RN/L = 2.000 ELEVTR = 6.000 ELEVON = .000	1.090 .000 -5.000
	RUN N	0. 3847 0 RN/L =	.00 GRADIENT INTERV	/AL = -5.00/ 5.00		
MACH . 154 . 155 . 164 . 155 . 155 . 154 . 154 . 155	GP ALPHAW 11.327 10.14829 13.105 10.12232 18.290 10.11833 22.022 10.1183 25.759 10.10547 38.351 10.19946 53.778 10.19088 85.438 10.24705 RADIENT .00000	0(PSF) ALPHA0 35.10733 13.82395 35.38370 13.82798 35.12580 13.82194 35.10904 13.81389 35.22094 13.80785 34.84257 13.93468 34.92436 13.90447 35.40508 13.89642 .00000 .00000	CL CD .30477 .08160 .29967 .08133 .27907 .07851 .27309 .07751 .26435 .07734 .27360 .07903 .26471 .07748 .26524 .07761 .00000 .00000	CLM CY .12300 .01435 .12485 .01765 .12769 .00961 .12829 .00817 .12898 .00290 .1334600139 .1336700230 .1344500513 .00000 .00060	CLN CSL03175 .0068800189 .0070200130 .0056200125 .0056400072 .0046100004 .00262 .00018 .00184 .00045 .00155 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7H	15.6.1F10TS402G5.3.5		(1JF385) ( 07 JU	N 76 )
	REFERENCE DATA				PARAMETRIC DATA	
	0.0000 SQ.FT XMRF			ALPHAN =	12.178 RN/L =	1.090

 CALE =	.0405		- 3/3.(	1600 IN.ZU				ICRB = BDFLAP =	6.000 .000	ELEVON =	-5.000
		RUN NO	385/ 0	RN/L =	.00 GRAD	IENT INTER	VAL = -5.00	0/ 5.00			
MACH - 156 - 154 - 155 - 154 - 155 - 155	GP 20.291 23.611 27.079 39,508 55.074 97.399 GRADIENT	ALPHAN 12.17746 12.15460 12.15460 12.15169 12.16020 12.25266	0(PSF) 36.04938 34.99043 35.24144 34.88761 35.39067 35.16795 .00000	ALPHAO 15.87034 15.85815 15.85612 15.83783 15.82564 15.82564 .00000	CL .34179 .34046 .33158 .32758 .32326 .32189 .00000	CD .09692 .09757 .09614 .09585 .09513 .09499	CLM .13495 .13832 .13981 .14:789 .14289 .14394 .00000	CY .01080 .00730 .00343 00031 00448 00308	CLN 00168 00102 00102 0020 .00054 .00035	CSL .00529 .00488 .00446 .00225 .00145 .00154	BETA .00000 .00000 .00000 .00000 .00000

# CA-8 - FORCE SOURCE DATA TABULATION

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					PA
(CA-8) K2.	1TS7H15.6.1F10TS4	1010E 7 E			
		10105.5.5		(TJF386)	( 07 J

			١٠,	1 01 KE 1197	H10.6.1F1019	5401G5.3.5			(TJF3	86) (07 J	IIN 76 1
	REFERENC	CE DATA									0.14 70 7
SREF =	2690.0000 SQ. 474.8100 IN.	FT XMRI YMRI		0000 IN.XO				ALPHAW =	PARAMETRI		
BREF \= SCALE ≥	936.6800 IN. .0405	ZMR		0000 IN.YO 0000 IN.ZO				STAB = IORB = BDFLAP =	.144 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	386/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5				
MACH .155 .154 .155 .155	GP 11.277 14.722 24.829 33.696 GRADIENT	ALPHAW .14353 .09564 .12218 .18425 .00000	Q(PSF) 35.21484 35.14953 35.34590 35.27399 .00000	ALPHAO - 77507 - 75846 - 78777 - 84345 - 00000	CL J8175 08294 07344 07053 . 00060	CD .02159 .02221 .02184 .02156 .00000	CLM .04135 .04095 .04060 .04134 .00000	CY .00552 00154 00610 00748 .00000	CLN .03273 .00221 .00177 .00066 .00000	CSL .00571 .00376 .00259 .00191	BETA .00000 .00000 .00000 .00000
			ICA-	-81 K2.1TS7H	15.6. IF LOTS	10165 7 E					
	REFERENCE	- DATA				.0.03,3,3			CTJF38	7) ( D7 JU	N 76 )
SREF =									PARAMETRIC	DATA	
LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .0	0000 IN.XO 1000 IN.YO 1000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.121 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	020.1 .000 .000
		RUN NO	. 387/ 0	RN/L =	.00 GRAD	TENT INTERV	AL = -5.0	C/ 5.00			
MACH .155 .154 .154 .159 .155	13.868 23.148 39.261	ALPHAW 4.12099 4.09542 4.16197 4.11593 4.17278 .00000	Q(PSF) 35.19785 35.15114 35.05359 35.09332 35.19319 .00000	ALPHAO 4.78900 4.77920 4.84586 4.78900 4.82821 .00000	CL .33280 .32771 .02786 .02452 .02613 .00000	CD -01584 -01593 -01602 -01641 -01653 -00000	CLM .05001 .05038 .05125 .05217 .05243 .00000	CY .00666 .00334 00380 00819 00802 .00000	CLN .00!76 .00208 .00144 .00023 .00060	CSL .00578 .00512 .00519 .00184 .00184	BETA .00000 .00000 .00000 .00000

# (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

	REFERE	NCE DATA				570105.3.5			ITJF:	388) (07.	JUN 76 )
SREF =	2690.0000 5	O.FT XMF		0000 IN.XO					PARAMETR		
BREF = SCALE =	474.8100 I 936.6800 I -0405	N. YMF N. ZMF RUN N	χ̃P = 375.	0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.127 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
MACH	GP			KIN/L =	.00 GR	ADIENT INTER	RVAL = -5.	00/ 5.00			
. 155 . 155 . 155 . 153 . 154 . 155	11.341 13.497 22.612	ALPHAW 6.12745 6.09595 6.09854 6.12568 6.18600 6.17586	Q(PSF) 35.19037 35.19116 35.19196 34.70352 35.14244 35.20431	ALPHA0 6.79815 6.78635 6.78635 6.80012 6.84243 6.82078 .00000	CL .09787 .09472 .08250 .07715 .07403 .07836 .00000	CD .01779 .01759 .01766 .01738 .01809 .01783 .00000	CLM .05307 .05329 .05535 .05603 .05734 .35767 .00000	CY .00497 .00511 00395 00787 00812 00878	CLN .00150 .00185 .00131 .00030 .00063 .00060	CSL .00620 .00588 .00402 .00197 .00161 .00149	BETA .00000 .00000 .00000 .00000 .00000
			(CA-	8) K2.1TS7	115.6.IF10TS	+0165 3 S					
	REFEREN	E DATA				0.05.5.5			(TUF38	9) ( 07 JU	IN 76 )
SREF =	2690.0000 SQ.	FT XMRP	= 1109 0	000 IN.XO					PARAMETRIC	DATA	
BREF = SCALE =	474.8100 IN 936.6800 IN .0405	ZMRP	= .0 = 375.0	000 IN.YO 000 IN.ZO				ALPHAW = STAB = ICRB = EDFLAP =	8.161 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 389/ n	RN/L =	00				11.700		
MACH	GP				.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			

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### CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8)	K2.	LTS7H15	.6.1F10T	S40165	3.5

(TJF390) ( 07 JUN 76 )

	REFERENCE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	° ≖ .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10.166 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NO	390/ 0	RN/L =	.00 GRAI	DIENT INTERV	AL = -5.0	5.00			
MACH .155 .154 .154 .155 .155	GP ALPHAW 11.327 10.16551 13.137 10.14338 22.048 10.13464 38.386 10.13127 53.804 10.17853 85.462 10.20400 GRADIENT .00000	0(PSF) 35.29115 35.06469 35.05493 35.44163 35.21522 35.08818 .00000	ALPH40 10.83493 10.83891 10.82697 10.80707 10.83095 10.79713 .00000	CL .24589 .23357 .21012 .19531 .19595 .19583 .00000	CD .03495 .03379 .03190 .03114 .03174 .03175	CLM .05812 .05950 .06436 .06698 .06847 .06942 .00000	CY .00971 .00239 00297 00515 00652 00610 .00000	CLN .03044 .09051 .60070 00001 .00031 .00027	CSL .00764 .00660 .00420 .0020 .00137 .00126 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
		(CA-	8) K2.1TS7	H15.6.1F10TS	0165.3.5			(TJF39	ונו כוו נוו	ĮN 76 )
	REFERENCE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	REFERENCE DATA 2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.170 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
LREF = BREF =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF	= .0 = 375.0	000 IN.YO	.00 GRAD	DIENT INTERV	AL = -5.0	STAB = IORB = BSFLAP =	12.170 .000 3.000	RN/L = ELEVTR =	.000

## (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(TJF392) ( 07 JUN 76 )

			DATA	

### PARAMETRIC DATA

- 1.5										LALANE LATE	JUATA	
	SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	YMRF	· = .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.128 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
			RUN NO	. 392/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.0	00/ 5.00			
	MACH .155 .155 .154 .155	GP 11.277 14.495 24.594 33.474 GRADIENT	ALPHAW .12818 .09926 .13477 .14354 .00000	0(PSF) 35.33757 35.22366 35.04620 35.23289 .00000	ALPHAO .75455 .75846 .79411 .80046 .00000	CL 09035 08424 08099 07336 .00000	CD .02121 .02177 .02154 .02087 .00000	CLM .0+158 .0+182 .0+083 .0+090 .00000	CY .00562 .00241 00369 00888 .00000	CLN .03297 .00221 .00173 .00091	CSL .00546 .00431 .00298 .00160 .00000	BETA .00000 .00000 .00000 .00000
				(CA+	8) K2.1TS7H	15.6.1F10TS	10165.3.5			(TJF39	13) ( 07 JU	N 76 )
		REFERENC	E DATA							PARAMETRIC	DATA	
	SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .00	000 IN.X0 000 IN.Y0 000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	4.184 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
			RUN NO	. 393/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
	MACH .155 .154 .155 .155 .155	GP 11.332 14.048 23.319 39.457 54.386 GRADIENT	ALPHAW 4.18358 4.15817 4.12932 4.16473 4.17892 .00000	Q(PSF) 35.14133 35.13185 35.18517 35.19800 35.27159 .00000	ALPHAO 4.84978 4.84292 4.81351 4.83704 4.83900 .00000	CL .02942 .03009 .02339 .01983 .01624 .00000	CD .01559 .01555 .01565 .01571 .01578 .00000	CLM .05096 .05098 .05202 .05239 .05316 .00000	CY .00395 .00536 00484 00962 01056 .00000	CLN .00236 .00216 .00123 .00023 .00026	CSL .00621 .00575 .00315 .00160 .00160	BETA .00000 .00000 .00000 .00000

.00000

.00000

.00000

GRADIENT

.00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

# (CA-8) K2.1157H15.6.1F10T540165.3.5

(TJF396) ( 07 JUN 76 )

## REFERENCE DATA

#### PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO 474.8100 IN. YMRP = ALPHAW = .0000 IN.YO 10.125 936.6800 IN. RN/L = BREF = 1.090 ZMRP = 375.0000 IN.ZO STAB = -2.000 ELEVIR = SCALE = .000 .0405 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700

KUN NO. 396/ 0	DNI/II - CO		
	MINT = .00	GRADIENT INTERVAL	
		ALLIEN THAT THAT ELLAND	* -5.00/ 5 nn

MACH GP ALBUMIT CORE	GRADIENT INTERVAL * -5.00/ 5.00	
ALPHAW Q(PSF) 154 11.327 10.12509 35.06252 154 12.760 10.09690 35.07911 154 21.656 10.09157 35.04653 155 37.995 10.14931 35.30027 155 53.407 10.13965 35.23336 155 85.064 10.23534 35.16522 GRADIENT .00000 .00000	ALPHAO CL CD CLM CY CLN 10.79116 .24773 .03456 .05863 .02833 .036 .03610.78917 .23386 .03313 .05887 .00590 .006 .010.78320 .21213 .03174 .0653300490 .006 .008697 .19781 .03103 .0678306556 .006 .0079315 .18905 .03010 .0893800944 .006 .083493 .19369 .03052 .0699806566006 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	67 .06677 .00600 62 .00413 .00600 23 .00212 .00000 47 .00131 .00000 02 .00148 .00000

# (CA-8) K2.1TS7H15.6.1F10TS40165.3.5

# (TJF397) ( 07 JUN 76 )

### REFERENCE DATA

SREY	<b>-</b> 2690.o	000 SO.FT	XMRP	= 1109,000	ì IN YO			PARAMETRIC	DATA	
BREF SCALE	220.0	300 IN.	YMRP ZMRP	= .0000	IN.YO		ALPHAN = STAB =	12.173 -2.000	RN/L = ELEVIR =	090 000
JUACE .	Ŧ .U	+05					IORB = BDFLAP =	3.000 -11.700	ELEVON =	.000

L OIA	NU. 3	377 N	PN/I	- 00	GRADIENT	2.52		
				00	GRADIENT	INTERVAL	- E 00	
						THE PERSON AND THE	~ ~5.00/	<b>3.</b> UU

. 154 . 155 . 154 . 155 . 155 . 159	GP 20.247 23.571 39.569 55.042 97.364 GRADIENT	ALPHAW 12.17312 12.15612 12.15271 12.16629 12.28170 .00000	Q(PSF) 35.00038 35.29182 35.08621 35.34392 35.09607 .00000	ALPHAO CL 12,84177 .28595 12,84578 .28327 12,82573 .25921 12,81170 .26204 12,83776 .25835 .00000 .00000	.04632 -04354 -04450	CLM .06724 .07080 .07419 .07568 .07587 .00000	CY CLN .00167 .00925 .00065 .00607 00379 .00016 00716 .00037 00924 .00024 .00000 .00000	CSL .00492 .00590 .00241 .00153 .00131	BETA .00000 .00000 .00000 .00000
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# CA-8 - FORCE SOURCE DATA TABULATION

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$(\Gamma \Delta - \Omega)$	K2.1TS7H15	C 1F	TOTOLO	100 7 6
	UCT INTO	.0.11	101240	103.3.3

(TJF398) ( 07 JUN 76 )

	REFERENC	E DATA							PARAMETRI	ΠΑΤΑ	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN.	YMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.178 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 398/ 0	RN/L =	.00 GRAD	DIENT INTERV	/AL = -5.	00/ 5.00			
MACH .154 .155 .155 .155	GP 11.278 14.613 24.699 33.572 GRADIENT	ALPHAW 2 .17758 .13154 .16707 .12200 .00000	Q(PSF) 35.06853 35.22917 35.29662 35.39765 .00000	ALPHA0 .79705 .78728 .82586 .77653 .00000	CL 08834 08128 07684 07445 .00000	CD .02095 .02116 .02088 .02107 .00000	CLM .04207 .04247 .04176 .04.83 .00000	CY .00255 .00060 00305 00545 .00000	CLN .03257 .00263 .00206 .00065	CSL .00402 .00320 .00308 .00219 .00000	BETA .00000 .00000 .00000 .00000
			CA-E	3) K2.1757H	15.6.1F10T54	0165.3.5			(TJF39	19) (07 JU	IN 76 )
	REFERENCE	DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.5800 IN. .0405	T XMRP YMRP ZMRP	= .00	000 IN.XO 000 IN.YO 100 IN.ZO				ALPHAW = STA9 = IORB = BDFLAP =	4.155 -4.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	020.1 .000 .000
		RUN NO.	399/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH - 155 - 155 - 154 - 154 - 155	13.827 23.110 39.234	ALPHAW 4.15502 4.12558 4.16296 4.11617 4.12947 .00000	0(PSF) 35.22267 35.19975 34.95215 35.05364 35.24578 .00000	ALPHAO 4.81939 4.80665 4.84194 4.78410 4.78802 .00000	CL .03389 .02767 .02348 .02152 .01961 .00000	CD .01465 .01497 .01525 .01569 .01557 .00000	CLM .05062 .05185 .05301 .05263 .05330 .09000	CY .00742 .00235 00446 00828 01003 .00000	CLN .00250 .00208 .00099 00002 .00044 .00000	CSL .00511 .00606 .00309 .00104 .00100	BETA .00000 .00000 .00000 .00000 .00000

# (CA-B) K2.1TS7H15.6.1F10TS401

		 0.010	. 11 1015	401G5.3	3.5
 and the second second	and the second				

	REFERE	NCE DATA			/HID.6.IF [0]	540165.3.5			(TJF4	00) ( 07 .	UN 76 )
SREF =	2690.0000 s	O.FT YM	RP = 110c	.0000 IN.XO					PARAMETRI	C DATA	
LREF = BREF = SCALE =	474,8100 I 936,6800 I 936,0405	N. YMI N. ZMI	RP = 375	.0000 IN.YO				ALPHAW = STAB = IORB = BDFLAP =	6.152 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN N	10. 400/ O	RN/L =	.OC GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH - 154 - 154 - 155 - 155 - 165	13.36 <i>2</i> 22.452 38.344 53.989	ALPHAW 6.15198 6.12034 6.08990 6.10295 6.15288 6.15288 7.00000	0(PSF) 35.01986 35.07988 35.1965 35.12784 35.27016 35.22968 .00000	ALPHA0 6.81882 6.80898 6.77848 6.77848 6.81193 6.84735	CL - 10018 - 08667 - 07748 - 07636 - 07296 - 07661 - 00000	CD .01706 .01661 .01668 .01687 .01675 .01688 .00000	CLM .05512 .05400 .05614 .05714 .05843 .05859	CY .00657 .0059900352007240086900873 .00000	CLN .00174 .00145 .00109 .00041 .00035 .00028	CSL .00622 .00521 .00441 .00205 .00137 .00155	BETA -00000 -00000 -00000 -00000 -00000 -00000
			(CA	-8) K2.1TS7	115.6.1F10TS	40165 3 5					
	REFEREN	CE DATA				10.05.5.5			ITJF40	1) (07 )(	N 76 )
SREF =	2690.0000 SQ	.FT XMRF	? = 11na						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN 936.6800 IN .0405	YMRI ZMRI	375.	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.127 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	401/0	D							
MACH	GP		017 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5 n	0/ 5.00			

# CA-8 - FORCE SOURCE DATA TABULATION

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시작의 시교를			ιc	A-8) K2.1TS7	H15.6.1F10T9	340105.3.5			/ T (F)		
	REFERE	NCE DATA							(TJF	1021 (07	JUN 76 )
SREF =	2690.0000 S	O ET VAN							PARAMETRI	IC DATA	
LREF = BREF = SCALE =	474.8100 I 936.6800 I .0405	N. YMR N. ZMR	P = 375	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	10.152 .000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090
		RUN NI	0. 402/0	RN/L =	.00 GRA	DIENT INTER	RVAL = -5.	00/ 5.00			
MACH -154 -154 -154 -155 -155	GP 11.327 12.900 21.799 38.151 53.564 85.224 GRADIENT	ALPHAW 10.15181 10.13332 10.12413 10.17398 10.17378 10.21425 .00000	0(PSF) 34.86731 34.95934 35.09108 34.89036 35.50040 35.21566 .00000	ALPHAO 10.82697 10.82697 10.82299 10.85880 10.83294 10.81702 .00000	C	CD .03401 .03291 .03103 .03037 .03037 .02974 .00000	CLM .05929 .06040 .06543 .06905 .06945 .07047	CY .00727 .00341 00095 00719 00939 00858 .00000	CLN .00026 .00063 .00076 .00001 .00015	.00581 .00440 .00224	BETA .00000 .00000 .00000 .00000 .00000
	교환 시간을 되었다. 불발 출시적 사람들		ICA	-8) K2.1TS7H	115.6.1F10TS4	10165 3 5					
	REFEREN	ICE DATA	ICA	-8) K2.1757H	115.6.IF10TS4	+01G5.3.5			(TJF4(	03) (°07 J	UN 76 j
SREF =		ICE DATA			115.6.1F10TS4	10165.3.5			(TJF4)		UN 76 j
SREF = LREF = BREF = SCALE =	REFEREN 2690.0000 SQ 474.8100 IN 936.6800 IN .0405	FT XMRP - YMRP - ZMRP	= 1109.1 = = 375.0	0000 IN.XO 0000 IN.YO 0000 IN.ZO	115.6. IF 10TS4	+0165.3.5		ALPHAW = STAB = IORB = BOFLAP =			UN 76 1
LREF = BREF =	2690.0000 SQ 474.8100 IN 936.6800 IN	FT XMRP	= 1109.1 = .1 = 375.0	0X,NI 0000 0Y,NI 0000		+0165.3.5 HENT INTERV	'AL = -5.0	STAB = IORB = BDFLAP =	PARAMETRIC 12.125 .000 3.000	RN/L = ELEVIR =	1.090 :000

	REFERENCE	DATA	(CA	-81 K2.1TS7	F10T5	540165.3.5			(TJF4	04) ( 07 .	JUN 76 )
SREF =	2690.0000 SQ.FT								PARAMETRI		
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	XMRF YMRF ZMRP	· =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = 10RB = BDF1.AP =	3.000 -11.700	RN/L = ELEVON =	1.090
		RUN NO	. 4047 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .155 .155 .155 .155	11.277 15.246 25.332 34.208	ALPHAW .14365 .13397 .15539 .12987 .00000	0(PSF) 35.31933 35.28931 35.16614 35.19115 .00000	ALPHAO .76527 .82000 .82000 .78532 .00000	CL 08450 08142 07176 07347 .00000	CD .02192 .02206 .02232 .02253 .00000	CLM .04079 .04099 .04082 .04023 .00000	CY .00487 .00083 00316 00828 .00000	CLN .00318 .00282 .00136 .00050	CSL .00442 .00384 .00268 .00103	BETA .00000 .00000 .00000 .00040
			(CA-	8) K2,1TS7	FIOTS	+0105.3.5			(TJF40	51 (07 (	UN 76 )
	REFERENCE D	ATA							PARAMETRIC		JIN 76 J
SREF = 2 LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW =	4.201 3.000	RN/L = ELEVON =	1.090
	•0403	else, te						BDFLAP =	-11.700		1000
MACH		RUN NO.		RN/L =	.00 GRAD	IENT INTERV	AL = -5 N				.000

CA-8 - FORCE SOURCE DATA TABULATION

CINETOICE 7 5 (TJF406) ( 07

	(CA-B) K2.1TS7 F10T5401G5.3.5						(TUF406) ( 07 JUN 76 )				
	REFERENCE DATA						PARAMETRIC	DATA			
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.	YO ZO			ALPHAW = 10RB = BDFLAP =	6.129 3.000 -11.700	RN/L = ELEVON =	1.090		
	RUN NO	. 406/ 0 RN/L	= .00 GR	ADIENT INTERV	/AL * -5.U						
MACH .156 .155 .154 .155 .155	GP ALPHAW 11.341 6.12949 14.884 6.08695 23.723 6.05635 39.780 6.12535 55.467 6.15938 65.921 6.15986 GRADIENT .00000	0(PSF) ALPH 35.64474 6.795 35.15692 6.771 34.90132 6.737 35.39261 6.800 35.31512 6.809 35.11348 6.800 .00000 .000	.10273 59 .08641 116 .08235 112 .08101 196 .07750 112 .07795	CD .01868 .01799 .01761 .01868 .01877 .01856	CLM .05225 .05217 .05475 .05619 .05704 .05728 .00000	CY .00730 .00236 .00017 00800 00952 00859 .00000	CLN .03201 .00175 .00118 .00036 .00026 .00026	CSL .00722 .00551 .00491 .00158 .00147 .00139	BETA .00000 .00000 .00000 .00000 .00000		
		(CA-8) K2.1	TS7 F10T	540165.3.5			(TUF40	7) ( 07 JU	JN 76 )		
	REFERENCE DATA	(CA-8) K2.1	TS7 F101	540165.3.5			(TUF40		JN 76 )		
SREF = LREF = BREF = SCALE =	REFERENCE DATA 2690.0000 SO.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= 1109.0000 IN = .0000 IN	X0 Y0	S40165.3.5		ALPHAW = IORB = BDFLAP =			1.090 .000		
LREF = BREF =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= 1109.0000 IN = .0000 IN = 375.0000 IN	X0 Y0 Z0	S40165.3.5	VAL = -5.0	IORB = BDFLAP =	PARAMETRIO 8.129 3.000	DATA  RN/L =	1.090		

#1 #1 #155

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			((	A-8) K2.1TS	7 Fint	S40165,3.5				P	AGE 900
REFERENCE DATA						5.6101.5			(TJF4	08) (07,	JUN 76 )
SREF =	474 8100			.0000 IN.XO					PARAMETRI		
BREF = SCALE =	935 5000	IN. ZM	₹P <b>=</b> 375	.0000 IN.YO .0000 IN.ZO				ALPHAW * 10RB = BDFLAP =	10.123 3.000 -11.700	RN/L = ELEVON =	1.090
		RUN N	10. 408/ 0	RN/L =	.00 GR/	ADIENT INTER	)(/A)				
MACH - 154 - 154 - 155 - 155 - 155	13.226 22.025 38.327 53.723		0(PSF) 35.01410 35.05999 35.01325 35.24987 35.32326 35.20908 .00000	ALPHAO 10.78519 10.78718 10.76132 10.73347 10.90855 10.76132 .00000	CL .24316 .23850 .20632 .19781 .19892 .19363 .00000	CD .03467 .03374 .03120 .03111 .03182 .03147 .00000	CLM . C5673 . C5669 . C6300 . C6629 . C6796 . C6824 . C00000	CY .00659 .0055900227005340077500741 .00900	CLN .00059 .00052 .00067 .00039 .00048 .00017	CSL - 00686 - 00689 - 00434 - 00250 - 00189 - 00138 - 00000	BETA .00000 .00000 .00000 .00000 .00000
	REFERE	NCE DATA	(CA	-81 K2.1TS7	FIOTS	101G5.3.5			(T.F. o		
SREF =									(TJF40	J, 30	N 75 1
LREF = BREF = SCALE =	2690.0000 S 474.8100 I 936.6800 I	N VMDD		0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = ICRB = BDFLAP =	PARAMETRIC 12.202 3.000 -11.700	DATA RN/L = ELEVON =	1.090
MACH	GP .	RUN NO ALPHAW		RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
. 155 . 154 . 154 . 155 . 155 . 155	20.233 23.551 26.900 39.542 55.061 97.337 GRADIENT	12.20178 12.17097 12.17038 12.16351 12.18847	0(PSF) 35.19504 35.02631 35.04080 35.12925 35.12000 35.17965 .00000	ALPHAO 12.87184 12.85780 12.85179 12.83175 12.8359 12.85580	CL .28600 .27615 .27472 .26439 .25920 .26220 .00000	CD .04573 .04500 .04548 .04445 .04416 .04451	CLM .06456 .06755 .06940 .07149 .07256 .07358 .0000	CY .00408 00279 00328 00537 00876 00831 .00000	CLN -0008 -00024 -00029 -00036 -00039 -00021	CSL -00607 -00506 -00448 -00288 -00126 -00150 -00000	BETA .00000 .00000 .00000 .00000 .00000 .00000

# CA-8 - FORCE SOURCE DATA TABULATION

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(CA-8)	K2.	TS7H15.	6. IF	101540165	7 5

(TJF410) ( 07 JUN 76 )

	REFERENC	C DATA		- , , - , , , , , , , , , , , , , , , ,	113.0.17 1015	40105.3.5			(TJF4	10) ( 07)	JUN 76 )
									PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.I 474.8100 IN. 936.6800 IN. .0405	YMRF ZMRF	.00 = 375.00	000 IN.XC 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	-133 -2.000 3.000 -11.700	RN/L * ELEVTR = ELEVON =	1.090 -23.000 .000
		RUN NO	410/0	RN/L =	.00 GRAD	DIENT INTER	/AL = -5.	00/ 5.00			
MACH - 155 - 155 - 155 - 154	GP 11.277 13.566 23.72! 32.670 GRADIENT	ALPHAW .13336 .08708 .02313 .11344 .00000	Q(PSF) 35.23670 35.19369 35.11761 35.08180 .00000	ALPHAO .76090 .74674 .69594 .76676	CL 08723 08924 08482 08025 .00000	CD .01953 .01996 .01980 .01954 .00000	CLM .04410 .04301 .04249 .04239 .00000	CY .00023 00284 00925 01482 .00000	CLN .00269 .00236 .00104 .00067	CSL .00358 .00333 .00204 .00089 .00000	BETA .00000 .00000 .00000 .00000
			CA-8	) K2.1TS7H	15.6.IF10TS4	0165.3.5			7 T 1571. )		
	REFERENCE	DATA							(TJF4)	, , , ,	IUN 75 1
SREF =									PARAMETRIC	DATA	
LPEF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .00	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.213 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	000.1 000.55-
		RUN NO.	411/0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH -155 -155 -155 -155 -155 -155	13.290 22.535 32.378 38.585	+.18953 +.15919 +.12801 +.10913	35.15446 35.20751 35.24354	ALPHAO 4.88214 4.87233 4.83900 4.80370 4.77822 4.77135 .00000	CL .02916 .02343 .02100 .02021 .01718 .01701 .00000	CC .C:342 .01320 .01293 .01346 .01334 .01343	CLM .05251 .05237 .05279 .05353 .05395 .05416 .00000	CY 00153 00358 00777 01150 01255 01350 .00000	CLN .00225 .00200 .00135 .00052 .0030 .00048 .00000	CSL .00514 .00430 .00295 .00159 .00089 .00049	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(TJF412) ( 07 JUN 76 )

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									PARAMETRI	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S0 474.8100 IN 936.6800 IN .0405	. YMR!	P =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	6.142 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 .000
		RUN NO	0. 412/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.	00/ 5.00			
MACH .155 .154 .155 .155 .155	GP 11.341 12.496 21.453 37.311 53.290 63.604 GRADIENT	ALPHAW 6.14183 6.12132 6.09117 6.06824 6.11816 6.18393 .00000	0(PSF) 35.10794 35.04685 35.17172 35.21688 35.15551 35.07106 .00000	ALPHAO 6.80701 6.80307 6.77553 6.74404 6.77946 6.83259 .00000	CL .09752 .08682 .07798 .07245 .06939 .07395	CD .01570 .01527 .01493 .01433 .01422 .01413	CLM .05651 .05648 .05819 .05899 .05957 .06063	CY .00098 00044 00595 01230 01227 01480 .00000	CLN .00148 .00156 .00129 .00068 .00020	CSL .00484 .00448 .00332 .00137 .00037 .00040	BETA .00000 .00000 .00000 .00000 .00000
			ÍΓΔ-	ינבאו כא נפ	415.6.1F10TS	,0,0° 7 °			4		
			```	07 KC.1137	113.0.11.1012	10165.3.5			(TJ=41	3) ( 07 J	IUN 76 )
	REFEREN	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. 0405	YMRP	= .00	000 IN.X0 000 IN.Y0 000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	8.115 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -000
		RUN NO	. 413/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .154 .154 .155 .154 .155	GP 11.340 14.014 21.438 37.135 52.442 73.818 GRADIEVI	ALPHAW 8.11447 8.60315 8.06997 8.22849 8.22823 8.13720 .00000	Q(PSF) 35.18320 34.91664 35.06340 35.14460 35.04161 35.22938 .00000	ALPHAO 8.76524 8.77635 8.75658 8.90291 8.88709 8.77240	CL .16095 .14749 .13554 .13702 .13453 .13045	CD .02071 .02008 .01869 .01953 .01905 .01860	CLM .05.820 .06112 .06187 .06467 .06558 .06537 .00000	CY .00075 .00321 00530 01150 01240 01150 .00000	CLN .00123 .00101 .00077 00003 .00034 00005	CSL .00613 .00544 .00393 .00135 .00080 .00662	BETA .01000 .01000 .01000 .01000 .01000 .01000

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#### CA-B - FORCE SOURCE DATA TABULATION

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(TUF414) ( 07 JUN 76 )

(CA-8) K2.1TS7H15.6.1F10TS401G5.3.	5.3.5
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#### PARAMETRIC DATA

SREF = E LREF = BREF = SCALE =	2690.0000 S0 474.8100 II 936.6800 II	V, YMRI	> <b>*</b>	0000 IN.X0 0000 IN.Y0 0000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	10.239 -2.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 -23.000 .000
		RUN NO	). 414/ 0	RN/L =	.00 GRAD	DIENT INTER	/AL = -5.0	0/ 5.00			
MACH .155 .155 .154 .155 .154 .155	GP 11.326 12.734 21.300 37.899 52.950 84.729 GRADIENT	ALPHAN 10.23944 10.21904 10.20472 10.19531 10.18496 10.21143 .00000	Q(PSF) 35.20967 35.11561 35.09537 35.22902 35.06307 35.17179 .00000	ALPHAO 10.91652 10.91851 10.90258 10.87870 10.84289 10.82896 .00000	CL -24157 -24492 -21024 -19915 -19312 -19177 -00000	CD .03224 .03240 .02912 .02790 .02754 .02729	CLM .06125 .06329 .06691 .06928 .07079 .07105 .00000	CY .00031 00012 00785 01047 01101 01158 .00000	CLN .00038 .00055 .00085 .00033 .00040 .00010	CSL .00572 .00577 .00366 .00235 .00076 .90088	BETA .01000 .01000 .01000 .01000 .01000 .01000

#### (CA-8) K2.1TS7H15.6.1F10TS401G5.3.5

(TJF415) ( 07 JUN 76 )

1.090

#### REFERENCE DATA

XMRP

SREF = 2690.0000 SQ.FT

= 474.8100 IN.

#### PARAMETRIC DATA

12.206 RN/L =

ALPHAW =

LREF = BREF = SCALE =	474.8100 1 936.6800 1 .0405			000 IN.YO 000 IN.ZO				STAB = IORB = BDFLAP =	-2.000 3.000 -11.700	ELEVIR = ELEVON =	-23.000
		RUN NO.	415/ 0	RN/L =	.00 GRAD	IENT INTERVA	NL = -5.0	0/ 5.00			
MACH .154 .154 .155 .155 .155	23.397	12.18492 12.17740 12.24013	0(PSF) 35.08086 35.06423 35.33426 35.20438 35.24272 .00000	ALPHA0 12.87985 12.87384 12.85981 12.83175 12.80970 .00000	CL .28173 .27928 .25776 .25918 .25965 .00000	CD .04302 .04290 .04012 .04022 .04039 .00000	CLM .06995 .06986 .07441 .07613 .07677	CY 00423 00522 00969 01013 01158	CLN .00025 .00036 .00006 .00039 .00047	CSL .00550 .00401 .00209 .00106 .00069	BETA .01000 .01000 .01000 .01000 .01000

# CA-B - FORCE SOURCE DATA TABULATION

PAGE 904

( 07 JUN 76 )

(TJF416)

(CA-8)	К2.	1TS7H15	6 IFPOT	5401G5.3.5
				270102.5.5

F	٦F	г	۴	R	r	NIC	Ė	DA	÷	Ä

	MEI EHENC	E DATA									
SREF = LREF =	2690.0000 50.			0000 IN.XO					PARAMETRI	C DATA	
BREF =	474.8100 IN. 936.6800 IN.	YMRF Zmrf	<b>=</b> .	OY, NI 0000				ALPHAW = STAB =	ezs. 000.s-	RN/L =	1.090
SCALE =	-04.05	2	- 2/3.	0000 IN.ZO				IORB =	3.000	ELEVTR = ELEVON =	-23.000 .000
		RUN NO	416/ 0	RN/L =	00 05.			BDFLAP =	-11.700		
MACH	GP	At Private			.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			2
. 155	11.279	ALPHAW .23923	0(PSF) 35.40068	ALPHA0 .85738	CL	CD	CLM	CY	CLN	CSL	DC**
. 155 . 154	14.008 23.829	.19339	35.18468	.85370	15076 16029	.01521	.05079 .05138	00387	.00241	.00247	BETA .00000
. 155	32,975	.14375	35.00444 35.38667	.80242 .72476	15822	.01583	.05191	00321 00689	.00289	.00289	.00000
	GRADIENT	.00000	.00000	.00000	16236 .00000	.01562 .00000	.05238	01512 .00000	.00103	.00056	.00000
							100000	.00000	.00000	.00000	.00000
			(CA-	8) K2.1TS7	H15.6.1F201S4	10165.3.5			. T		
	REFERENCE	DATA							(TJF41		IUN 76 )
SREF =	2690.0000 SQ.F	T XMRP	= 1109 n						PARAMETRIC	DATA	
LREF = BREF =	474.8100 IN.	YMRP	= .0	000 IN.XO 000 IN.YO				ALPHAW =	4.132	RN/L =	1.090
SCALE =	936.6800 IN. .0405	ZMRP	= 375.0	000 IN.ZO				STAB =	-2.000 3.000	ELEVTR = ELEVON =	-23.000
								BDFLAP =	-11.700	ELEVUN =	.030
		RUN NO.	417/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH -154	GP 11.331	ALPHAH	Q(PSF)	ALPHAO	CL	CD	CLM				
. 154	12.684		35.03232 35.03418	4.81253 4.80174	03832	.00638	.05923	CY 00393	CLN .00182	CSL - 00365	BETA
.154		4.08730	35.10467	4.77625	04978 05959	.00595 .00558	.03917 .06234	00440	.00179	.00378	.00000
. 155	52,971	4.15404	35.14138 35.29272	4.82919 4.81743	06274	.00567	.06463	01098 01381	.00131	.00171 .00094	.00000
	GRADIENT	.00000	.00000	.00000	06514 .00000	.00577 .00000	.05514	01321 .00000	.00033	.00057	.00000
								.00000	.00000	.00000	.00000

# CA-B - FORCE SOURCE DATA TABULATION

# (CA-8) K2.1TS7H15.6.1F20T540165.3.5

(TJF418) ( 07 JUN 76 )

		REF	EREN	CE	DAT	A
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	MERENEINU								PARAMETRIC	DATA	
SREF * LREF * BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	FT XMRP YMRP ZMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.160 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 000.25-
la de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la const		RUN NO.	418/ 0	RN/L =	.00 GRAD	IENT INTERVA	L = -5.0	0/ 5.00			
MACH .155 .155 .155 .155 .155	21.373 37.190 52.931	6.04930 6.16467 6.18115	Q(PSF) 35.21921 35.15909 35.43906 35.20736 35.25026 .00000	ALPHAO 6.83358 6.80603 6.86802 6.85818 6.84834 .00000	CL .03581 .00160 00660 00850 01051 .00000	CD .00755 .00511 .00465 .00463 .00472	CLM .06191 .06697 .06988 .07162 .07169 .00000	CY 00407 00845 01315 01311 01567 .00000	CLN .00117 .00115 .00007 .00042 .00013	CSL .004!7 .00292 .00086 .00068 .00020	BETA .0000G .00000 .00000 .00000

## (CA-8) K2.1TS7H15.6.1F20TS40165.3.5

(TJF419) ( 07 JUN 76 )

		, , , , , , , , , , , , , , , , , , ,	CHICK DATA							
								PARAMETRIC	ΤΑΤΑ	
291	SREF =	2690.0000	CO E+ .						, <b>0</b>	
				XMRP =	1109.0000 IN.XO					
- 1	_REF =	474.8100	IN .	YMRP =			ALPHAW ±	8.144	RN/1 =	1.090
I	BREF =				.0000 IN.YO		STAG =	T / 7 11 1		
		936.6800	1N.	ZMRP =	375.0000 IN.ZO			-2.000	ELEVIR = -	23.000
	SCALE =	.0405			0.5.0000 110.20		IORB =	3.000	ELEVON =	
									EFFAOIA -	.000
			海南 医阴道性 医皮肤			and the second second	BOFLAP =	-11.700		
		the first of the second of the								

	100 NO. 4197 U	RN/L =	.00 GRADIENT INTERVAL = -5.00/ 5.00
MACH GP .155 11.340 .154 11.634 .155 21.096 .155 37.040 .155 52.648 .155 73.732 GRADIENT	ALPHAW 0(PSF) 8.14413 35.12170 8.11931 35.10605 8.10310 35.36610 8.10250 35.12075 8.21067 35.25920 8.20019 35.25185 .00000 .00000	8.80008	CL         CD         CLM         CY         CLN         CSL         BETA           .11129         .01231         .06395        00114         .00097         .00511         .0000           .10825         .01176         .06348        00175         .00069         .00419         .0000           .05729         .00798         .07033        00696         .00090         .00294         .0000           .05512         .00732         .07499        01263         .00040         .00083         .0000           .05170         .00683         .07680        01608         .00019         .00011         .0000           .05033         .00734         .07704        01413         .00012         .00024         .0000           .00000         .00000         .00000         .00000         .00000         .00000         .00000

# (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(TJF420) ( 07 JUN 76 )

## REFERENCE DATA

SREF = ;	2690.0000 SQ.F	FT XMRP =	1109.0000 [N.XO				PARAMETRIC DATA	
LHEF =	474.8100 IN. 936.6800 IN. .0405	YMRP = ZMRP =	.0000 IN.YO 375.0000 IN.ZO			ALPHAW = STAB = IORB = BDFLAP =	10.094 RN/L = -2.000 ELEVTR = 3.000 ELEVON = -11.700	.000 -23.000 -23.000
MACH	GP		20/ 0 RN/L =	.00 GRA	DIENT INTERVAL =	-5.00/ 5.00		
.155 .154 .155 .155 .155 .155	11.327   19.292   36.209   51.301	0.09378 35. 0.11173 34. 0.09425 35. 0.14081 35. 0.25239 35. 0.23512 35.	(PSF) ALPHAO 31258 10.80110 96891 10.79315 31163 10.80309 17068 10.82896 19638 10.92050 20090 10.83493 00000 .00000	CL .18764 .17665 .13846 .11463 .11372 .11477	.02011 .0 .01549 .0 .01362 .0 .01380 .0	CY 00140 06668 .00140 0676800500 0755900639 0809101191 0834601436 0000 .00000	CLN CSL .00053 .00524 .00065 .00430 .00042 .00341 .00015 .00117 .00044 .00037 .00024 .00012	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(TJF421) ( 07 JUN 76 )

#### REFERENCE DATA

SREF #	2690.0000	SQ.FT	XMRP	- 1100	0000 *** ***				PARAMETRI	DATA	
LREF =	474.8100	IN. IN.	YMRP ZMRP	= 375.	0000 IN.XO 0000 IN.YO 0000 IN.ZO			ALPHAW = STAB = IORB = BDFLAP =	-2.000 3.000	RN/L = ELEVIR = ELEVON =	1.090 000.55- 000.
MACH	GP		RUN NO.	421/ 0	RN/L = ,00	GRADIENT INTERVAL	- = -5.0	00/ 5.00			

MACH .155 .155 .155 .155	GP ALP 2C.310 12.10 23.619 12.08 39.766 12.21 54.974 12.23 97.406 12.28 GRADIENI .000	809 35.26942 953 35.21379 993 35.46348 518 35.09438	ALPHAO C: 12.78966 .23197 12.79166 .22389 12.90592 .19079 12.89189 .18572 12.84778 .18397 .00000 .00000	.03037 .02641	CLM .07698 .08027 .08594 .08796 .08927 .00000	CY 00185 00282 01308 01430 01351 .00000	CLN 00010 .00000 .00010 .00054 .00046	CSL .00474 .00345 .00099 .00052 00004	BETA .00000 .00000 .00000 .00000
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# CA-8 - FORCE SOURCE DATA TABULATION

PAGE 907 (CA-8) K2.1TS7 F20TS401G5.3.5 (TJF422) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA 2690.0000 SQ.FT SREF = XMRP \* 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO ALPHAH = BREF = . 183 936.6800 IN. RN/L = 1.090 ZMRP = 375.0000 IN.ZO IORB -SCALE = 3.000 ELEVON = .0405 .000 BDFLAP = -11.700 RUN NO. 422/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAW Q(PSF) **ALPHAO** . 154 11.278 CL .18283 CD 35.08691 CLM CY . 155 .80926 CLN . 14.638 -.14740 CSL .01637 BETA .13753 35.52826 .05101 .00056 79753 .00322 154 -, 15451 -00301 24.699 .01662 .00000 .08600 35.08922 .05038 -.00163 74478 -.15477 .00248 GRADIENT .00270 .01754 .00000 .00000 .05078 .00000 -.01248 .00000 .00124 .00000 .00091 .00000 .00000 .00000 .00000 .00000 .00000 .00000 ICA-81 K2.1TS7 F201540165.3.5 (TUF423) REFERENCE DATA ( 07 JUN 76 ) SREF = 2690.0000 SO.FT PARAMETRIC DATA XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMAP . .0000 IN.YO ALPHAN = SREF = 4.173 RN/L ± 936.6800 IN. ZMRP = 375.0000 IN.ZO 1.090 ICPB ± SCALE = 3.000 ELEVON = - 04 05 .000 BOFLAP = -11.700 RUN NO. 423/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 MACH GP ALPHAM Q(PSF) ALPHAO . 155 11.332 CL 35.2:305 CD 4.17342 4.84488 CLM CY . 155 CLN 13.787 -.03504 CSL .00693 4.15977 BETA 35.38762 .05787 -.00049 4.84096 . 154 -.03471 .00193 23.012 .00355 .007:1 .00000 4.12699 35.06751 .05960 .00187 4.80468 . 155 .00163 -.05311 39.152 .00387 4.22634 .00730 .06170 .00000 35.24655 -.00950 .155 4.89194 .00126 54.160 -.05707 .00171 .00751 .00000 4.14477 .06325 35.24376 4.79292 -.01090 GRADIENT .000:6 -.05994 .00056 -00000 .00745 .00000 .06439 .00000 -.01382 .00000 .00028 .00000 .00005 .00000 .00000 .00000 .00000 -00000 .00000

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54.345

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GRADIENT

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8.16299

8.25072

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35.18814

35.28471

8.81194

8.86139

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(TUF424): ( 07 JUN 76 ) (CA-8) K2.1TS7 F20TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 6.153 PN/L = 1.090 ALPHAW = SREF - 2590.0000 SQ.FT XMRP - 1109.0000 IN.XO 3.000 ELEVON = .000 IORB = LREF \* 474.8100 IN. YMRP = .0000 IN.YO BDFLAP = -11.700 BREF \* 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = 0405 RUN NO. 424/ 0 RN/L # .00 GRADIENT INTERVAL # -5.00/ 5.00 CL CD .03799 .00782 .02445 .00705 .00601 .00702 -.00352 .00674 -.00564 .00695 -.00337 .00677 CSL BETA GP ALPHAW 11.341 6.15316 CLN ALPHAO CLM .00389 Q(PSF) MACH .00159 .00000 -.00050 .154 6.82078 .05952 35.10037 .00151 .00357 .00000 .05224 -.00295 6.81587 13.35+ 6.12579 35.21799 .155 .00100 .00000 -.00604 .00224 .05672 6.78832 . 155 22.430 6.10133 35.20392 .00025 .00078 100000 -.01075 .05877 38.010 6.07092 35.15343 6.744.4 . 155 .00000 .00041 .00037 .05958 -.01257 6.13847 6.79028 .00677 . 155 53.839 35.39678 -.00337 .00000 .00003 -.00017 .07059 -.01515 6.83850 64.397 6.20292 35.37934 .155 .00000 .00000 .00000 .00000 .00000 .00000 .00000. .00000 00000 GRADIENT (TUF425) ( 07 JUN 76 ) ICA-81 K2.11S7 F201S40105.3.5 PARAMETRIC DATA REFERENCE DATA 8.284 RN/L = 1.090 SPEF = 2690.0000 SO.FT XMPP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BPEF = 936.6800 IN. ZMRP = 375.0000 IN.ZO ALPHAH = 10RB = 3.000 ELEVON = .000 BDFLAP = -11.700SCALE \* .0405 RUN NO. 425/ 0 RN/L . .00 GRADIENT INTERVAL . -5.00/ 5.00 CSL CLN 20126 CY CO AL PHAO CL CD . CLM MACH AL PHAN QIPSF1 -.00035 .00125 .00000 .00411 .06218 8.95236 .11195 .01293 .154 11.333 8.28441 35.10982 .00442 .01212 .00000 .00051 .00120 .05396 .10317 8.87325 .155 13.25: 8.25990 35.23524 .00337 .00000 .07127 -.00+0+ S+000. .07725 .01025 8.14053 35.30192 8.83172 .155 22.933 .05000 .05487 .00885 .05048 .00903 .05467 .00889 -.01165 -.00010 .00082 .07355 8.74472 . 155 38.801 8.06937 35.20276 .00000 .00027 +.00021

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DATE OF JUL 76

# CA-8 - FORCE SOURCE DATA TABULATION

			SOURCE DATA T	ADOLATION -						
REFERE	NCE Date				1540165.3.5					PAGE 909
								TEUF	26) (07	JUN 76 1
**/4.8100 P	N Use		9.0000 IN.XO					PARAMETRI		
936.6800 I	N. ZM	RP - 37!	.0000 IN YO				ALPHAM = 10R8 = BOFLAP =	10.235 3.000 -11.700	RN/L =	1.090
GP	ALPHAU	Q(PSF)	At Purio		ADIENT INTE	RVAL = -5.	00/ 5.60			
13.209 21.910 38.442 53.732 85.384 GPADIENT	10.23531 10.21731 10.20618 10.19334 10.18871 10.21312 .00000	35.34760 35.17941 35.21499 35.47167 35.34119 .00000	10.91654 10.91652 10.83651 10.87273 10.84289 10.79912	.19321 .17879 .13964 .12322 .11512 .11635	CD -02793 -02091 -01754 -01552 -01572 -01589 -00000	CLM .05465 .06633 .07431 .07654 .08115 .08201 .00000	CY .03253 .03265 03565 03666 01631 01511 .09000	CLN .03041 .00255 .00261 .0035 .0035 .0000	CSL - 05516 - 05487 - 05290 - 00149 0034 - 00000	BETA .03000 .00000 .00000 .00000 .00000
		(C)	-81 K2.1157	FEDTE	0155					.00000
REFERENC	E DATA			1 5015	10105,3.5			17 565	<b>.</b>	
										N 76 1
-974 8120 IN			0000 IN YO					PARAMETRIC	DATA	
936.6800 IN.	ZMRP	375.	0900 IN vo				ALPHANI L ICPS : BOFLAF :	12.154 3.000	FN/L :	1.090
6 <b>5</b>			RN/L -	00 CUAD	IENT INTERV	4: -5 00	.v 5 00			
20.367 23.528 39.638 55.177	12-15431 12-12787 12-16358 12-19365	01PSF1 35.16642 35.07252 35.22179 35.18448 35.45820 .00000	ALFHAO 12.83375 12.82373 12.82376 12.83776 12.83770 .00000	CL .23215 .21240 .18923 .19098 .18921 .00000	CD .03200 .02974 .02765 .02836 .02847 .00000	CLM .C7535 .07674 .C8+09 .C8536 .01746 .01000	CY 00166 00315 00561 01640 01825 .00000	CLN - 00023	CSL .00374 .00379 .00057 .00027 00031 .00000	BETA .00000 .00000 .00000 .00000 .00000
	2690.0000 S 474.8100 S 935.6900 I .0405 OP 11.326 13.209 21.910 38.442 53.732 85.384 GP401ENT REFERENC 2690.0000 SO. 474.8100 IN. 936.6800 IN. .0405 OP 20.367 23.528 39.638 39.638 39.638 39.638 39.638 39.638 39.638	936.6900 IN. ZM. 936.6900 IN. ZM0405  RUN 1  GP ALPHAM 11.326 10.23531 13.209 10.21731 21.910 10.20618 39.442 10.19334 53.732 10.18871 65.384 10.21312 GPADIENT .00000  REFERENCE DATA 2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 474.8100 IN. YMRP 474.8100 IN. ZMRP .0405  RUN NO  GP ALPHAM 26.367 12.15431 23.528 12.15787 39.638 12.16788 55.177 12.19365 97.462 12.26972	REFERENCE DATA  2690.0000 SQ.FT XMPP = 1100 474.8100 IN. YMRP = 375 936.6900 IN. ZMRP = 375  RUN NO. 4267 C  CP ALPHAN OLPSE1 13.209 10.21731 35.17576 13.209 10.21731 35.34760 21.910 10.20618 35.17441 38.442 10.19334 35.21499 53.732 10.18871 35.47167 85.384 10.21312 35.34119 GRADIENI .00000 .00000  CCA  REFERENCE DATA  2690.0000 SQ.FT XMRP = 1109. 474.8100 IN. YMRP = 375. 10405 PUN NO. 4277 0  CP ALPHAN OLPSE1 474.8100 IN. ZMRP = 375. 10405 PUN NO. 4277 0  CP ALPHAN OLPSE1 23.528 12.16328 35.22179 55.177 12.19305 35.16448 55.177 12.19305 35.18448 07.462 12.26972 35.45830	REFERENCE DATA  2690.0000 \$0.FT	REFERENCE DATA  2690.0000 SQ.FT	CA-8  K2.ITS7   F201540165.3.5	CCA-8) K2.ITS7   F20TS40165.3.5	CA-8  K2.1157   F201540165.3.5   REFERENCE DATA	CCA-B) K2.IT57	REFERENCE DATA

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## (CA-8) K2.1757H15.6.1F20T540165.3.5

(TJF428) ( 07 JUN 76 )

#### REFERENCE DATA

	REFERENCE	DATA							PARAMETRI	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .00	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = 10PB = BDFLAP =	.228 -6.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 4287 0	RN/L =	.00 GRA	DIENT INTER	/AL = -5.0	00/ 5.00			
MACH .155 .155 .155 .155	GP 11.279 14.376 24.305 33.296 GRADIENT	ALPHAW .22810 .19971 .13383 .06375 .00000	Q(PSF) 35.20738 35.20603 35.30785 35.30230 .00000	ALPHA0 .85761 .85370 .79900 .72036 .00000	CL 16340 15294 15598 15995 .00000	CD .01597 .01614 .01650 .0:678 .00000	CLM .04909 .05189 .05141 .05020 .00000	CY 00092 00242 00999 01376 .00000	CLN .00234 .00235 .00172 .00078 .00000	CSL .00320 .00329 .00128 .00042	BETA .00000 .00000 .00000 .00000
	이 화는데 중요한 경험이 되었다. 그런 사람들 중요한 사람이		1CA-8	1 K2.1TS7F	115.6.1F20TS	40165.3,5			(TJF42	9) (07 JU	N 75 )
	REFERENCE	DATA							PARAMETRIC		
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 935.5800 IN. .0405	I XMRP YMRP ZMRP	= .000	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	4.127 -6.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
		RUN NO.	429/ 0	RN/L =	.00 GRAD	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .154 .154 .154 .155 .155	12.981 4 22.329 4 38.465 4	ALPHAW 4.12734 4.10950 4.08314 4.16980 4.07650 .00000	35.12373 34.97428 35.15397	ALPHAO 4.79880 4.75792 4.76939 4.84096 4.73312 .00000	CL 03202 03974 05517 05755 06750 .00000	CD .00742 .00695 .00559 .00578 .00690	CLM .05850 .05947 .06170 .06504 .06415	CY .00049 .00008 00860 01364 01577 .03000	CLN .0018! .00188 .00128 .00034	CSL .00368 .00408 .00209 .00080	BETA -00000 -00000 -00000 -00000

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### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 911

(CA-8)	K2.1TS7H1	5.6.1	F20T5401	G5.	3.5

(TUF430) ( 07 JUN 76 )

	마시다 가면 다른 모든 가게 된다.	, o o			(10, 73,	07 ( 07 50)	. 10
	REFERENCE DATA				PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO		ALPHAW = STAB = IORB = BDFLAP =	6.124 -6.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
	RUN NO	- 430/ 0 RN/L =	.00 GRADIENT INTERVAL = -5	.00/ 5.00			
MACH .154 .155 .154 .155 .155 .155	GP ALPHAW 11.341 6.12414 12.653 6.10221 21.650 6.08996 37.601 6.09494 53.336 6.26792 63.784 6.21252 GRADIENT .00000	Q(PSF) ALPHAO 35.05649 6.80012 35.16757 6.80111 35.03267 6.78438 35.22099 6.77454 35.28550 6.92903 35.21727 6.85621 .00000 .00000	CL CD CLM .03562 .00808 .06011 .03264 .00800 .06226 .00746 .00634 .0663000771 .00603 .0687200755 .00573 .07086 .00466 .00586 .07166 .00000 .00000 .00000	CY 00225 .00160 00598 01145 01331 01348	CLN .00158 .00124 .00062 .00032 .00046 .00014 .00000	CSL .00397 .00350 .00259 .00091 .00012 .00025	BETA .00000 .00000 .00000 .00000 .00000 .00000
		(CA-8) K2.1TS7F	115.6.1F20TS401G5.3.5		(TJF43)	1) ( 07 JUN	176 )
	REFERENCE DATA				PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 935.6800 IN. ZMRP .0405			ALPHAW = STAB = 10RB = BDFLAP =	8.118 -6.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	RUN NG	. 431/ 0 RN/L =	.00 GRADIENT INTERVAL = -5	.00/ 5.00			
MACH - 154 - 155 - 154 - 155 - 154 - 155	GP ALPHAW 11.340 8.11780 12.013 8.10384 20.136 8.09508 34.186 8.08793 52.856 8.17353 74.027 8.17815 GRADIENT .00900	0(PSF) ALPHAC 35.09764 8.80205 35.20761 8.80205 35.10418 8.79612 35.45813 8.77833 35.02516 8.84160 35.17069 8.80601 .00000 .00000	CL CD CLM .10955 .01287 .06349 .10328 .01232 .06375 .06908 .00919 .06980 .05749 .00866 .07468 .0.241 .0082 .07624 .04839 .00824 .07672 .00000 .00000 .00000	CY .00172 .00075 00509 01107 01167 01322	CLN .00078 .00075 .00076 .00033 .00034 .00055	CSL .00449 .00495 .00332 .00095 .00053 00021	BETA .00000 .00000 .00000 .00000 .00000

## (CA-8) K2.1757H15.6.1F20T540165.3.5

(TJF432) ( 07 JUN 76 )

REFERENCE DATA			

CHENCE.	UALA		1					
		1, 2					PARAMETRIC D	TAC
							. FARAGE IRIC L	JA 1 /

LREF = 474.8100 IN. YMRP = .0000 IN.YO ALPHAW * 10.126 RN/L = BREF = 936.5900 IN. ZMRP = 375.0000 IN.ZO. STAB = -6.000 ELEVIR = SCALE = .0405 BDFLAP = -11.700		
----------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--

		RUN NO. 432/ 0	RN/L = .00 GRAD	DIENT INTERVAL	= ~5.00/ 5.00			
MACH .154 .155 .155 .155 .155 .155	GP 11.327 12.102 20.910 37.317 52.769 84.372 GRADIENI	10.10874 34.89482 1 10.20560 35.37659 1 10.20902 34.95797 1 10.21087 35.21485 1	ALPHAO CL 0.81105 .18357 0.61503 .18413 0.91851 .13757 0.89661 .11958 0.87074 .11389 0.78320 .11404 .00000 .00000	.02212 .02189 .01712 .01549 .01496	LM CY 0643700028 06711 .00077 0752100447 0807500869 0817601145 0834001302 00000 .00000	CLN .63943 .00061 .00063 .09064 .00043 .00025	CSL BETA .00476 .00000 .00423 .00000 .00306 .00000 .00118 .00000 .00030 .00000 -00013 .00000	) )   

# (CA-8) K2.1757H15.6.1F20T540165.3.5

(TJE433) ( 07 JUN 76 )

#### REFERENCE DATA

		PARAMETRIC DATA
SREF = 2690.0000 SQ.FI XMPP = LREF = 474.8100 IN. YMRP = BREF = 936.6800 IN. ZMPP =	.0000 IN.YO	ALPHAN = 12.127 RN/L = 1.090 STAB = -6.000 ELEVTR = .000
SCALE = .0405	375.0000 IN.ZO	10RB = 3.090 ELEYON = .000 BDFLAP = -11.700

	NON NO. 4537 ()	RN/L = .00 GR	ADIENT INTERVAL = -5.0	0/ 5.00	
MACH GP .154 2C.349 .154 23.680 .154 39.789 .155 55.123 .155 97.454 GRADIENT	12.10462 35.05020 12.20884 35.07630	ALPHAO CL 12.89369 .2321 12.80769 .21425 12.89590 .19058 12.88387 .18775 12.78164 .18099 .00000 .00000	CD CLM .03122 .07438 .03052 .07883 .02776 .08511 .02728 .08756 .02613 .08814 .00000 .00000	CY CLN002250000200599 .0004901055 .0000801236 .0004201333 .00061 .00000 .00000	CSL BETA .00374 .00000 .00343 .00000 .00144 .00000 00009 .00000 00019 .00000

DATE	30	JUL	76

#### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 91

TCA	1-81 KS	.1157H15	.6.IF2	OTS401	G5.3.5	5		

	(TJF434)	( 0	7 JUN T	76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LPEF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .000	00 IN.X0 00 IN.Y0 00 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	.213 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 434/ 0	RN/L =	.00 GF	RADIENT INTE	RVAL = -5.0	00/ 5.00			
MACH .155 .155 .155 .154	GP 11.278 14.081 24.069 33.072 GRADIENT	ALPHAW .21300 .16551 .11862 .07137 .00000	0(PSF) 35.23829 35.31338 35.13260 35.04057 .00000	ALPHAO .84247 .82733 .77507 .69106 .00000	CL 14711 15052 15272 16085 .00000	CD .01637 .01578 .01683 .01786 .00000	CLM .05131 .05183 .05193 .05026 .00000	CY .00094 .00054 00660 01307 .00000	CLN -03216 -00236 -00173 -00024 -00000	CSL .00355 .00324 .00218 .00101 .00000	BETA .00000 .00000 .00000 .00000
			(CA-8)	K2.1157F	115.6.1F20T	S40165.3.5			(TJF43	5) (07 JU	N 76 )
	REFERENCE	DATA							PARAMETRIC	DATA	
SPEF = LREF = BREF = SCALE =	2690.0000 SO.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP		0 IN.XO 0 IN.YO 0 IN.ZO				ALPHAW = STAB = 10RB = SDFLAP =	4.217 -4.000 3.000 -11.700	RN/L = ELEVIR = ELEVON *	1.090 .000 .000
		RUN NO.	435/ 0	RN/L =	.00 GR	ADIENT INTE	RVAL = -5.0	0/ 5.00			
MACH . 154 . 154 . 154 . 155 . 155	14.085 5 22.445 5 38.808 5	ALPHAW .21683 .19776 .17572 .13416 .17226 .00000	35.11225 35.13028	ALPHAO 4.88802 4.88214 4.85861 4.80076 4.82625 .00000	CL 02969 03297 05688 06305 06121	CD .00785 .00748 .00684 .00701 .00712 .00000	CLM . 05869 . 06103 . 06162 . 06311 . 06430 . 00000	CY 00005 .00051 00565 01135 01392 .00000	CLN .90163 .00177 .00092 .00024 .00013	CSL .00352 .00396 .00228 .00042 .00931 .00000	BETA .00000 .00000 .00000 .00000 .00000

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

## (CA-8) K2.1TS7H15.6.1F20TS401G5.3.5

#### (TJF436) ( 07 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SPEF # 2690 nnon 9							PARAMETRIC	DATA	
SREF = 2690.0000 S LREF = 474.8100 1 BREF = 936.6900 1 SCALE = .0405	IN. YMRP =	1109.0000 IN.XO .0000 IN.YO 375.0000 IN.ZO				ALPHAH = STAB = 10RB = BDFLAP =	6.243 -4.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	000.1 000.
	RUN NO.	136/ 0 RN/L =	.00 GRAD	IENT INTERVAL	L = -5.00	0/ 5.00			
MACH GP .155 11.341 .155 13.408 .154 22.425 .154 38.079 .155 53.895 .155 64.383 GRADIENT	6.24261 35. 6.21909 35. 6.20203 35. 6.17649 35. 6.14776 35. 6.10569 35.	ALPHAO 28259 6.91919 31244 6.91328 06944 6.89262 11868 6.85424 31670 6.80406 31395 6.74700 00000 .00000	CL .04774 .02973 .00430 00463 00539 01076 .00000	CD .00915 .00769 .00647 .00665 .00647 .00659	CLM .06108 .06192 .06614 .06926 .07064 .07038 .00000	CY .00263 00091 00721 01160 01385 01399 .00000	CLN .60139 .00102 .00124 0002 .00039 .00000	CSL .00453 .00379 .00232 .00052 .00044 .00014	BETA .00000 .00000 .00000 .00000 .00000

### (CA-8) K2.1TS7H15.6.1F20TS40165.3.5

#### (TUF437) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

. · 프롬프를 다고 있으면 그는 그리아 그들은 이렇게 하는 사람이 되었다. 그 등 이 사람들은 사람들이 되었다. 그는 사람들은 사람들은 사람들이 되었다.			COATA	
SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405	ALPHAW = STAB = IORB = BDFLAP =	8.082 -4.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
RUN NO. 437/ 0 RN/L = .00 GRADIENT INTERVAL =	-5.00/ 5.00			
MACH GP ALPHAW 0(PSF) ALPHAO CL CD CLM .155 11.340 8.08170 35.14523 8.75658	CY	CLN	CSL	BETA

.155 11.3 .155 11.6 .154 21.3 .154 37.1 .155 52.7 .155 73.8	75 8.06441 25 8.05293 15 8.11709 24 8.14105 08 8.15487	01PSF) 35.14523 35.14476 35.08761 34.94775 35.43691 35.29323 .00000	ALPHA0 8 75658 8.76251 8.75262 8.79810 8.79810 8.77833 .00000	CL .11055 .11297 .07034 .05535 .05072 .04996 .00000	CD .01358 .01318 .00976 .00910 .00879 .00900	CLM .C6267 .C6528 .C7089 .C7430 .C7575 .07662 .00000	CY .00190 .00077 00510 01183 01256 01413	CLN .00130 .00094 .00075 .00004 .00026 .00213	CSL .00498 .00437 .00390 .00662 00002 00019	BETA .00000 .00000 .00000 .00000 .00000
----------------------------------------------------------------------------	--------------------------------------------------------------------	---------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------	----------------------------------------------------------------	---------------------------------------------------------------------------	------------------------------------------------------------	-----------------------------------------------------------------	---------------------------------------------------------------	--------------------------------------------------------

CA-8 - FORCE SOURCE DATA TABULATION

RN/L =

12.79757

12.80559

12.78565

12.77362

.00000

12.82774

OLPSF) ALPHAO

REFERENCE DATA

RUN NO. 439/ 0

35.15995

35.11436

34.75601

35.06636

35.43459

.00000

ALPHAN

12.11553

12.10295

12.10095

12.11834

12.27753

.00000

C⊃

20.367

23.558

39.754

55.215

97.597

GRAD:ENT

MACH

. 155

. 154

. 154

. ! 54

.155

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#### ICA-8) K2.1TS7H15.6.1F20TS401G5.3.5

(TJF438) ( 07 JUN 76 )

CSL

.00378

.00377

.00128

.00032

-.00009

.00000

BETA

100000

.00000

.00000

.00000

.00000

.00000

PARAMETRIC DATA

BOFLAP = -11.700

500002

.00017

.00026

.00051

.00042

.00250

CY

-.00569

-.00311

-.01060

-.01239

-.01282

.00000

				FARABETRIC DATA	
SPEF = 2690.0000 SQ.FT LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = 1109.0000 IN.X0 YMRP = .0000 IN.Y0 ZMRP = 375.0000 IN.Z0		ALPHAW = STAB = IORB = BOFLAP =	10.091 RN/L = -4.000 ELEVIR = 3.000 ELEVON = -11.700	1.090 .000 .700
	RUN NO. 438/ 0 RN/L =	.00 GRADIENT INTERV	/AL = -5.00/ 5.00		
.!54 1!.328 10.0 .154 12.216 10.0 .155 20.963 10.0 .!55 37.419 10.1 .!55 52.629 10.2	PHAW         Q(PSF)         ALPHAO           19107         35.01552         10.77524           16861         35.06011         10.77723           17553         35.23942         10.78121           3835         35.15335         10.82697           29534         35.56692         10.89566           9912         35.12378         10.79514           0000         .00000         .00000	.18906 .02288 .17936 .02161 .14214 .01782 .11448 .01589 .11530 .01557 .11597 .01564	CLM CY .06526 .09218 .06547 .09071 .0750906547 .0806000264 .0816001279 .0827701459 .00000 .00009	CLN CSL .00042 .00456 .00237 .00503 .00072 .00318 .00000 .00102 .00047 .00040 .0001000007 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000 .00000
	(CA-8) K2,115	7H15.6.1F20TS401G5.3.5		(TUF439) ( 67 JUN	N 76 )
PEFERENCE DA	TA			PARAMETRIC DATA	
SPEF = 2690.0000 SO.FT LREF = 474.8100 IN. BREF = 936.6800 IN. SCALC = .0405	XMRP = 1109.0000 IN.XO YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO		ALPHAW = STAB = 10RB = POCLAR =	12.115 RN/L = -4.000 ELEVIP = 3.000 ELEVON =	1.090 .003 .000

CL

.22875

.21404

.18711

.18055

.18722

.00000

.00 GRADIENT INTERVAL = -5.00/ 5.00

CLM

.07612

.07820

-02533

.08645

.08933

.00000

CD

.03259

.03063

.02772

.02656

.02787

#### (CA-8) K2.1TS7H15.6.1F20TS1C1G5.3.5

(TJF440) ( 07 JUN 76 )

PEFDEN				

이 어떻게 하다 하는 이 없는 그는 그 없다.	사가 빠뜨는 바이다면 나는 바이가 가는데 이렇게 나는 그는 것 같아 하는 것 같아. 그 나는 것	PARAMETRIC DATA
SREF = 2690.0000 SO.FT LREF = 474.8100 IN. BREF = 935.6900 IN. SCALE * .0405	ZMRP = 375.0000 IN.20	ALPHAW = .293 RN/L = 1.090 STAB = -2.000 ELEVIR = .000 IORB = 3.000 ELEVON = .000 BDFLAP = -11.700
[발발 : 발발 및 발발 : [발발 : ] [ ] # # # # # # # # # # # # # # # # #	N NO. 440/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/	7 5.00

	RUN NO. 4407 0	RN/L = .00 GRAD	DIENT INTERVAL = -5.	00/ 5.00		
MACH GP .155 11.280 .155 14.321 .154 24.555 .154 33.476 GRADIENT	ALPHAW 0(PSF) .29307 35.32663 .24380 35.21913 .18571 35.06283 .11247 34.95157 .00000 .00000	ALPHAO CL -91036 -14608 -89278 -15533 -83807 -15609 -76041 -15697 -00000 .00000	CD CLM .01650 .05053 .01638 .04332 .01745 .05048 .01770 .05081 .00000 .00000	CY 00065 - 00073 - 01225 - 01249 00000	CLN CSL .00271 .003 .00292 .003 .00114 .003 .00058 .000	334 .00000 59 .00000 779 .00000

#### (CA-8) K2.1757H15.6.1F20TS40165.3.5

(TUF441) ( 07 JUN 76 )

#### REFERENCE DATA

	KEFERENCE	DATA				PARAMETRIC	DATA	
SREF	= 2690.0000 SQ.F1 = 474.8100 IN.	T XMRP = YMRP =			ALPHAN	= 4.248	RN/L =	1.090
BREF	= 936.6800 IN.	7MRP =	375 0000 1		STAB	-2.000	ELEVIR =	.000

88	EF	=	936	.6800	IN.	7.	RP =		.0000 i						STAB	=	-5.000			.000	
SC	ALE	=		.0+05											I OPB	=	3,000 11,700-		N =	.000	
						D. n.											111:00				
					450	RUN	NU.	441/ 0	RN/	L =	.00	GRADIENT	INTERVA	L = -5	5.00/ 5.0	0					
	MAC	Н		GP .		ALPHAN	ı	Q(PSF)	AL	PHAO	CT	CD		CLM	CY		CLN	cc		D= 1.	

155 11.332 155 13.650 154 22.861 155 38.863 155 53.912 GRADIENT	AL PHAS 4.24756 4.22809 4.20266 4.15972 4.07949 .00000	G(PSF) 35.24977 35.18292 34.93984 35.30625 35.27384 .30000	ALPHAO CL 4.91645026 4.91057036 4.88214046 4.82821056 4.7321476 .00000 .000	075 .00776 020 .00745 031 .00785 063 .00802	CLM .05745 .05988 .05261 .06386 .06405	CY .00066 00200 00712 01334 01274 .00000	CLN .00222 .00162 .00116 .00004 .00039 .00000	CSL .00387 .00375 .00232 .00068 .00035	BETA .00000 .00000 .00000 .00000 .00000
--------------------------------------------------------------------------------	--------------------------------------------------------------------------	------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------	------------------------------------------------------	-------------------------------------------------------	------------------------------------------------------------	-----------------------------------------------------------------	-------------------------------------------------------	--------------------------------------------------------

CA-8 - FORCE SCURCE DATA TABULATION

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K2.1TS7H15.		

(TJF442) ( 07 JUN 76 )

	REFERENC	C DATA							CIOLA	יבי נטיטנ	נ פו אונ
									PARAMETRI(	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN. 936.6800 IN. .0405	YMR	> =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	6.218 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	). 442/ 0	RN/L =	.00 GRAD	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .154 .157 .155 .155 .155 .155	GP 11.341 13.095 22.216 38.050 53.880 64.312 GRADIENT	ALPHAW 6.21790 6.19997 6.17884 6.15445 6.11999 6.11818 .00000	0(PSF) 35.01349 35.01328 35.2256b 35.12815 35.34812 35.34169 .00000	ALPHAO 6.89262 6.89262 6.85900 6.83554 6.77749 6.75782	CL .04261 .03461 .00178 00065 00722 00658 .00000	CD .00891 .00835 .00683 .00588 .00673 .00715	CLM .06144 .06296 .06640 .06934 .07001 .07091	CY .00171 .00272 00721 03947 01240 01496 .00000	CLN .00154 .00151 .00111 .00042 .00031 .00004	CSL .00415 .00414 .00262 .00126 .00029 00019	BETA .00000 .00000 .00000 .00000 .00000 .00000
			€CA-	8) K2.1TS7H	15.6.1F20TS4	0165 3 5			. T. 151		
	REFERENC	F DATA				0.03.3.3			(TJF44	3) (07 JU	N 76 )
									PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 So. 474.8100 IN. 936.6830 IN. .0405	FT XMRP YMRP ZMRP	= .00	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = ICRB = BDFLAP =	8.128 -2.000 3.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
		RUN NO	. 443/ 0	RN/L =	.00 GRAD	IENT INTERV	'AL = -5.0	0/ 5.00			
MACH .155 .155 .154 .155 .155	GP 11.340 12.376 21.953 37.714 52.882 74.385 GRADIENT	ALPHAW 8.12768 8.10696 8.06411 8.09037 8.16170 8.20774 .00000	Q(PSF) 35.29059 35.14460 35.08923 35.13951 35.25813 35.13221 .00000	ALPHAO 8.81392 8.80996 8.76251 8.77042 8.82183 8.82776 .00000	CL .11259 .10367 .07311 .06140 .05363 .05101 .00000	CD .01375 .01284 .01035 .00995 .00936 .00927	CLM .06275 .06427 .07074 .07432 .07574 .07641	CY .00281 .00481 00415 01072 01258 01424 .00000	CLN .00109 .00099 .00063 .00025 .00036	CSL .00492 .00553 .00426 .00090 .00019 00007	BETA .0000 .0000 .0000 .0000 .0000 .0000

. 154

. 154

55.162

97.470

GRADIENT

12.22618

12.28852

.00000

34.93949

34.98274

35.09762

.00000

12.89590

12.87986

12.83175

.00000

## (CA-8) K2.1757H15.6.1F20T540165.3.5

(TJF444) ( 07 JUN 76 )

#### REFERENCE DATA

SREF =	2500 0000 co			PARAMETRIC DATA	
LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP = 1109.0000 IN.XO 474.8100 IN. YMRP = .0000 IN.YO 936.6800 IN. ZMRP = 375.0000 IN.ZO .0405		ALPHAW = STAB = IORB = BOFLAP =	10.224 RN/L = -2.000 ELEVIR = 3.000 ELEVON = -11.700	1.090 .000 .000
	RUN NO. 444/ 0 RN/L =			11.700	
MACH		.00 GRADIENT INTERVAL = -5.00	5.00		
.154 .154 .155 .155 .155	GP ALPHAW Q(PSF) ALPHAO 11.326 10.22377 35.04679 10.90656 13.045 10.21541 35.09166 10.91054 21.658 10.20212 35.10157 10.90855 38.271 10.20623 35.23033 10.89064 53.512 10.20127 35.18898 10.85880 85.186 10.31331 35.08683 10.90457 GRADIENT .00000 .00000 .00000	CL CD CLM .19913 .02472 .06463 .18490 .02254 .06749 .14891 .01920 .07495 .12188 .01660 .07974 .11757 .01645 .08143 .11736 .01632 .08281 .00000 .00000 .00000	CY .00161 .00364 00305 01119 01253 01307 .00000	CLN CSL .00025 .00487 .00023 .00504 .00055 .00428 00018 .00083 .00021 .00069 .0002100009	BETA .00000 .00000 .00000 .00000 .00000
	(CA-8) K2.1TS7H	15.6.1F201540165.3.5		AT ICLACE	
	REFERENCE DATA			(TJF445) ( 07 JUN	75 )
SREF =	<u> 15. 16. 16. 1</u> - 16. 16. 16. 16. 16. 16. 16. 16. 16. 16.			PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	790.0000 SQ.FT XMRP = 1109.0000 IN.XO 74.8100 IN. YMRP = .0000 IN.YO 936.6800 IN. ZMRP = 375.0000 IN.ZO .0405	. The state of the state of the state of $oldsymbol{S}$	ALPHAW = STAB = IORB = BDFLAP =	12.120 RN/L = -2.000 ELEVIR = 3.000 ELEVON = -11.700	1.090 .000 .000
	RUN NO. 445/ 0 RN/L =	.00 GRADIENT INTERVAL = -5.00/	5.00		
MACH .154 .155 .154	GP ALPHAW Q(PSF) ALPHAO 20.375 12.11978 34.94962 12.80369 23.668 12.11121 35.26583 12.81571 39.658 12.21404 34.93949 12.89590	22001 07:77	CY 00069 00416	CLN CSL .03019 .00389 .00003 .00352	BETA .00000 .00000

.19519

.18946

.18958

.00000

.02929 .02852 .02871 .00000

-.01158

-.01293

-.01389

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.08514

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### DATE 05 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

PAGE 919

# (CA-81 K2.1TS7H15.6.1F30TS40165.3.5

(TUF446) ( 07 JUN 76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	I XMRP YMRP ZMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	.219 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 446/ 0	RN/L =	.00 GRA	DIENT INTERV	/AL = -5.0	00/ 5.00			
MACH .155 .154 .155 .155	14.000 24.041	ALPHAW .21902 .19012 .19107 .07351 .00000	0(PSF) 35.22037 34.82820 35.42494 35.42490 .00000	ALPHAO .84686 .83856 .80339 .72769 .00000	CL 25176 26907 28793 30044 .00000	CD .00703 .00667 .00739 .00787 .00900	CLM .06468 .06707 .07018 .07199 .00000	CY .00444 .00378 00314 00984 .00000	CLN .03301 .00232 .00210 .00113 .00000	CSL .00344 .00319 .00209 .00166 .00000	BETA .00000 .00000 .00000 .00000
			(CA-	8) K2.1TS7H	115.6.1F30TS	40165.3.5			(TJF44	7) ( 07 ปป	N 76 1
	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LPEF = BREF = SCALE =	2690.0000 SO.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IOPB = BOFLAP =	4.139 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	. 447/ 0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .154 .155	12.925 22.348 38.314	ALPHAW 4.13883 4.12932 4.14871 4.09459 4.15424 .00000	Q(PSF) 35.26193 35.26395 35.23206 35.13461 35.35062 .00000	ALPHAO 9.81743 4.81939 4.80763 4.76841 4.75469 .00000	CL 11731 13730 17971 19485 20463 .00000	CD 00595 00818 00950 00933 00913 .00000	CLM .06811 .07028 .07906 .08507 .08555	CY .00121 .00118 00723 01235 01418	CLN .00199 .00173 .00131 .00074 .00083	CSL .00333 .00371 .00237 .00158 .00087 .00000	AT38 .00000 .00000 .00000 .00000 .00000

# (CA-8) K2.1TS7H15.6.1F30TS401G5.3.5

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(TUF448) (07 JUN 76 )

REFERE	NCE DATA							(1JF	448) (07	JUN 76 1
4/4.8100 1	N vu	1103	.0000 IN.XO						IC DATA	
936.6800 i .0405	N. ZMI	RP = 375	.0000 IN.YO				STAB = IORB =	-2.000 3.000	RN/L # ELEVTR = ELEVON =	1.090 .000 .000
		40. 448/ O	RN/L =	.00 GF	ADIENT INTER	RVAI = -5		,		
	ALPHAW	Q(PSF)	AL PHAO				007 5.00			
11.541 12.532 21.687 37.528 53.296 63.687 GRADIENT	6.12036 6.10643 6.10749 6.10348 6.23568 6.21277	34.97448 35.17394 35.23205 35.08103 35.31035 35.28783 .00000	6.79914 6.80406 6.80701 6.78340 6.75782 6.84046 .00000	04435 06200 11336 13295 15065 14857 .00000	CD 00680 00883 01263 01318 01409 01393 .00000	CLM .07041 .07212 .08254 .09053 .09147 .09252 .00000	CY .00035 00113 00737 01115 01239 01496 .00000	.00127	.00281	BETA .00000 .00000 .00000 .00000 .00000
		ICA-	-8) K2.1TS7F	115.6 JE3010	34010E 7 E					
PEFEREN	CE DATA				3,5			(TJF44	197 ( 07 JU	JN 76 )
2690.0000 50	FT XMRR	) = 1109.c	סע עד חחח	n de nobe Na alla				PARAMETRIC		
936.6800 IN 936.6800 IN	• ZMRP	= .0 = 375.0	000 IN.YO 000 IN.ZO				ALPHAH = STAB = IORB = BDFLAP =	8.179 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		• 449/ 0	RN/L =	.00 GRAI	DIENT INTERV	'AL = -5 ∩	0/ 5 on			
11.340 12.309 20.718 37.776 53.257 74.409 GRADIENT	ALPHAW 8.17887 8.16444 8.18491 8.18045 8.17976 8.23758 .00000	0(PSF) 35.33843 35.43188 35.47253 35.02378 35.18359 35.55089 .00000	ALPHAO 8.85534 8.87325 8.89500 8.86731 8.83567 8.84160	CL .04153 .02766 02551 07713 08599 09218 .00000	CD 00225 00428 01229 01483 01531 01544 .00000	CLM .07304 .07383 .08685 .09491 .09661 .09856	CY .00049 .0002000506010310139901393 .00000	CLN .00090 .00130 .00107 .00006 .00068 .00033	CSL .00245 .00281 .00321 .00182 .00102 .00098	SETA .00000 .00000 .00000 .00000 .00000
	2690.0000 9 474.8100 1 936.6800 1 .0405  GP 11.341 12.532 21.687 37.528 53.296 63.687 GRADIENT  REFEREN 2690.0000 SQ 474.8100 IN 936.6800 IN .0405  GP 11.340 12.309 20.718 37.776 53.257 74.409	936.6800 IN. ZMI 936.6800 IN. ZMI .0405  RUN N  GP ALPHAW 11.341 6.12036 12.532 6.10643 21.687 6.10749 37.528 6.10348 53.296 6.23568 63.687 6.21277 GRADIENT .00000  REFERENCE DATA 2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405  RUN NO  GP ALPHAW 11.340 8.17887 12.309 8.16444 20.718 8.18945 53.257 8.17976 74.409 8.23758	2690.0000 SQ.FT XMRP = 1109 474.8100 IN. YMRP = 375 936.6800 IN. ZMRP = 375  RUN NO. 448/ 0  GP ALPHAW Q(PSF) 11.341 6.12036 34.97448 12.532 6.10643 35.17394 21.687 6.10749 35.23205 37.528 6.10348 35.08103 53.296 6.23568 35.31035 63.687 6.21277 35.28783 GRADIENT .00000 .00000  (CA  REFERENCE DATA  2690.0000 SQ.FT XMRP = 1109.0 474.8100 IN. YMRP = .0 936.6800 IN. ZMRP = 375.0  RUN NO. 449/ 0  GP ALPHAW Q(PSF) 11.340 8.17887 35.33843 20.718 8.18491 35.47253 37.776 8.18045 35.02378 53.257 8.17976 35.18359 74.409 8.23758 35.55089	2690.0000 SQ.FT XMRP = 1109.0000 IN.XO YMRP = .0000 IN.YO .0405 IN. ZMRP = .375.0000 IN.ZO .0405 RUN NO. 448/ 0 RN/L = .0000 IN.ZO .0405 RUN NO. 448/ 0 RN/L = .0000 IN.ZO .0405 RUN NO. 448/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0000 IN.ZO .0405 ALPHAW .048/ 0 RN/L = .0405 ALPHAW .048/ 0 RN/L = .0405 ALPHAW .048/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .049/ 0 RN/L = .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHAW .0405 ALPHA	2690.0000 SQ.FT XMRP = 1109.0000 IN.X0	2690.0000 SQ.FT XMRP = 1109.0000 IN.XO  936.6800 IN. ZMRP = 375.0000 IN.YO  RUN NO. 448/ 0 RN/L = .00 GRADIENT INTER  6P ALPHAH QIPSF) ALPHAO CL CD 12.532 6.10543 35.17394 6.804060620000680 21.687 6.10749 35.23205 6.804060620000883 37.528 6.10348 35.08103 6.783401329501318 53.296 6.23568 35.31035 6.757821506501409 6RADIENT .00000 .00000 IN.XO  (CA-B) K2.1TS7H15.6.IF30TS40IG5.3.5  REFERENCE DATA  2690.0000 SQ.FT XMRP = 1109.0000 IN.XO 2690.0000 SQ.FT XMRP = 375.0000 IN.YO 274.8100 IN. YMRP = .000 GRADIENT INTERV  RUN NO. 449/ 0 RN/L = .00 GRADIENT INTERV  GP ALPHAH QIPSF ALPHAO CL CD 11.340 8.17887 35.33843 8.86534 .0415300225 .04058 37.776 8.1844 35.43188 8.87325 .02766 .00428 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1844 35.02378 8.88531 .07713 .01493 .37.776 8.1849 35.02378 8.88531 .07713 .01493 .37.776 8.1849 35.02378 8.88531 .07713 .01493 .37.776 8.1849 35.02378 8.88531 .07713 .01493 .01694 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .000000	2690.0000 SO.FT XMRP = 1109.0000 IN.X0 936.6800 IN. ZMRP = 375.0000 IN.Y0 936.6800 IN. ZMRP = 375.0000 IN.Y0 .0405  RUN NO. 448/ 0 RN/L = .00 GRADIENT INTERVAL = -5.  GP ALPHAW Q(PSF) ALPHAO CL CD CLM 11.341 6.12036 34.97448 6.799140443500680 .07041 21.532 6.10543 35.17394 6.804060620000883 .07212 37.528 6.10749 35.23205 6.807011133601263 .08254 53.296 6.23588 35.31035 6.75821506501409 .09147 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000  (CA-B) K2.1TS7H15.6.1F30TS401G5.3.5  REFERENCE DATA  2690.0000 SO.FT XMRP = 1109.0000 IN.X0 474.8100 IN. YMRP = .0000 IN.Y0 936.6800 IN. ZMRP = 375.0000 IN.Z0  RUN NO. 449/ 0 RN/L = .00 GRADIENT INTERVAL = -5.01  GP ALPHAW Q(PSF) ALPHAO CL CD CLM 11.340 8.17887 35.33843 8.885034 .0415300225 .07304 20.718 8.18491 35.47253 8.8850002551 .00228 .07383 37.776 8.18045 35.18359 8.83567 .08599 .01531 .09661 53.257 8.17976 35.18359 8.83567 .0859901534 .09661 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000	2690.0000 SO.FT XMRP = 1109.0000 IN.XO	PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PARAMETRIC   PAR	PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC DATA   PARAMETRIC

CA-8 - FORCE SOURCE DATA TABULATION

										P/	VGE 921
	REFERI	ENCE DATA		A-8) K2.1TS	7H15.6.1F30	TS401G5.3.5			(TJF	(50) ( 07 )	JUN 76 )
SREF =									PARAMETRI	C DATA	
LREF = BREF = SCALE =	2690.0000 9 474.8100 9 936.6800 9 .0405	IN. YMI IN. ZMI	RP = 375	.0000 IN.XO .0000 IN.YO .0000 IN.ZO				ALPHAW = STAB = TOPB = BDFLAP =	10.056 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 000.
		RUN I	10. 450/ 0	RN/L =	-00 G	RADIENT INTER	IVAL = -5.	00/ 5.00			
MACH - 155 - 155 - 155 - 154 - 155 - 155	GP 11.328 11.846 20.625 37.170 52.403 84.110 GRADIENT	ALPHAW 10.05627 10.04125 10.16963 10.17173 10.18837 10.27603 .00000	Q(PSF) 35.32913 35.35692 35.28476 34.89487 35.39528 35.30043 .00000	ALPHAO 10.74938 10.75734 10.87273 10.86278 10.85085 10.84488 .00000	CL .11938 .10837 .03533 00969 01936 02137 .00000	CD .00569 .00474 -:00503 -:01026 -:01094 -:01100 .00000	CLM .07405 .07540 .09645 .10050 .10329 .10598	CY .00364 .0031700147009990120801363 .00000	CLN .00054 .00058 .00051 .00011 .00060	CSL .00442 .00351 .00328 .00149 .00125 .00588	BETA .00000 .00000 .00000 .00000 .00000
			(CA	-81 K2.ITS7	H15.6 15301	Sh0105 7 5					
	REFEREN	NCE DATA				310103.3.5			(TUF45	51) ( B7 JU	N 76 )
SREF =	2690.0000 SC								PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.6100 IA 474.6100 IA 936.6690 IA	l. YMRF I. ZMRF	? = .(° ? = .375.(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.196 -2.000 3.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
		RUN NO	451/0	RN/L =	.00 GF.	ADIENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .154 .155 .155	GP 20.511 23.867 39.945 55.368 97.730 GR4DIENT	ALPHAW 12.19570 12.18652 12.22354 12.25008 12.34238 .00000	0(PSF) 35.20195 35.19828 35.01647 35.25028 35.22265 .00000	ALPHAO 12.88788 12.89590 12.90793 12.89790 12.84979 .00000	CL .14296 .11171 .07439 .06072 .05461 .00000	CD .01027 .00550 .00052 00100 00199 .00000	CLM .09183 .09413 .10643 .10959 .10990	CY 00132 00612 01107 01080 01278 .00000	CLN .00028 .00048 .00025 .00060 .00066	CSL .00376 .00283 .00181 .00128 .00100	BETA .00000 .00000 .00000 .00000

# TCA-8) K3.1TS7H15.6.1F20TS40165.3.5

(TJF452) ( 07 JUN 76 )

### REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SQ.F	T XMRP = 1100.0	0000 IN.XO				PARAMETRI	DATA	
LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	YMRP = .0 ZMRP = 375.0	0000 IN.YO 1000 IN.ZO			ALPHAH = STAB = IORB = BDFLAP =	.270 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
MACH GP	RUN NO. 452/ 0	RN/L = .00	GRADIENT INTE	ERVAL = -5.	00/ 5.00			
MACH GP -155 11.279 -155 14.487 -155 24.477 	ALPHAH Q(PSF) .27032 35.30230 .19439 35.25524 .15197 35.17305 .00000 .00000	3.90531 .0 3.85537 .0	CD 1811 .01960 1595 .01962 1570 .01999 0000 .00000	CLM .05142 .05287 .06415 .00000	CY .00376 00065 00721 .00000	CLN .00173 .00179 .00144 .00000	CSL -00397 -00304 -00234 -00000	BETA .00000 .00000 .00000

# (CA-8) K3.1157H15.6.1F20T540165.3.5

(TJF453) ( 07 JUN 76 )

## REFERENCE DATA

### PARAMETRIC DATA

SREF = 2690.0000 SC	).FT XMRP = 1100 (	0000 IN.XO					PARAMETRIC	DATA	
LREF = 474.8100 IN BREF = 936.6800 IN SCALE = .0405	. YMRP = 375.(	000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.217 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
MACH GP	RUN NO. 453/ 0	RN/L ≠	.00 GRAD	DIENT INTERV	/AL = -5.	00/ 5,00			
.155   11.332 .155   13.481 .154   22.609 .154   36.800 .155   53.796 GRADIENT	ALPHAW QIPSF) 4.21713 35.25819 4.19958 35.16312 4.17971 35.11141 4.12597 34.92671 4.10328 35.54198 .00000 .00000	ALPHAO 7.92907 7.92316 7.89751 7.84631 7.79691	CL .15521 .14375 .13078 .12335 .12038 .00000	CD .02321 .02249 .02246 .02235 .02211 .00000	CLM .06981 .07115 .07372 .07555 .07672 .00000	CY .00121 .00292 00562 01185 01314 .00000	CLN .00093 .00147 .00107 .00048 .00038	CSL .00471 .00405 .00264 .00056 .00053 .00000	BETA .00000 .00000 .00000 .00000

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### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(TJF454) ( 07 JUN 76 )

	 	~
P1 1	 31	DATA

#### PARAMETRIC DATA

SREF * LREF * BREF * SCALE *	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	YMRP =	9.0000 IN.XO .0000 IN.YO 5.0000 IN.ZO				ALPHAN = STAB = IORB = BDFLAP =	6.212 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
	- Jan 1981	RUN NO. 454/	0 RN/L =	.00 GRAD	HENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .154 .154 .155	11.34! 6.21 12.992 6.19 21.939 6.17 39.004 6.17 53.742 6.11 64.114 6.14	3047 35.2948 7718 35.0292 7538 35.1224 1106 35.2844	9.92700 9.92501 9.90319 9.90319 9.85955 9.80600 9.82385	CL .22944 .21633 .19977 .18102 .18026 .17917 .00000	CD .03207 .03067 .02369 .02981 .02905 .02872 .00000	CLM .07192 .07344 .07798 .08062 .08170 .08181 .00000	CY .00538 .00097 00401 01054 01697 01396 .00000	CLN .00068 .00064 .00047 00089 .00024 .00017	CSL .00522 .00412 .00333 .00067 .00060 .00010	BETA .00000 .00000 .00000 .00000 .00000
					O105 7 5			(TJF45	5) (07 J)	IN 76 )
			CA-8) K3.1TS7	HID.O.IFEUID	(01997979					
									11 <u>2</u> 12	
	REFERENCE DAT	ΓA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	REFERENCE DATE	XMRP = 110 YMRP =	9.0000 [N.XO .0000 [N.YO 5.0000 [N.ZO				ALPHAW = SIAB = IORB = BOFLAP =	9.189 -2.300 5.033 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 .000
LREF = BREF =	2690.9000 SO.FI 474.8100 IN. 936.6900 IN. .0405	XMRP = 110 YMRP =	.0000 IN.YO 5.0000 IN.ZO	,00 GRAI	DIENT INTERV	AL = -5.0	STAB = LORB = BOFLAP =	8.189 -2.000 5.000	RN/L : = ELEVIR =	.000

# (CA-8) K3.1TS7H15.6.1F20T540165.3.5

	ENC		

# (TJF456)

	REFERENCE DATA		.0.11201540105,3,5		(TJF456) ( 07 .	JUN 76 1
SREF =	2690.0000 SQ.FT XMRP	= 1109.0000 IN.XO			PARAMETRIC DATA	
BREF = SCALE =	474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO = 375.0000 IN.ZO		ALPHAW = STAB = IORB = BDFLAP =	10.141 RN/L = -2.000 ELEVIR = 5.000 ELEVON = -11.700	1.090 .000 .000
MACH	그리아 그들은 그들은 현실이 되었다.	456/ 0 RN/L = .0	GRADIENT INTERVAL =	-5.00/ 5.00		
.154 -154 -155 -155 -155	11.327 10.14130 35 12.345 10.12468 35 21.079 10.12614 35 37.630 10.20946 35 52.805 10.20895 35	13.96220 5.05238 13.86924 5.11265 13.86924 5.18930 13.93265 6.31656 13.90447 6.21570 13.85213	CL CD CLM .38091	00672 00672 00150 0143 0150 0165 0165 01523	CLN CSL03058 .0057000040 .0058500006 .00381 .00013 .00110 .0005800004 .0003700015 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

### REFERENCE DATA

(TJF457)	1,	07	JUN	76	)
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SREF :	2690.0000 SQ.F	T XMRP	= 1109.0	0000 IN.XO					PARAMETRIC	DATA	
BREF =	474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP RUN NO.	= .0 = 375.0	1000 IN.YO 1000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	12.130 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 .000
MACH - 15 - 15 - 15 - 15	4 20.395 18 4 23.576 18 5 39.905 18 4 65.825 18 5 97.483 18	ALPHAW 2.12964 2.11316 2.12597 2.27509	457/ 0 0(PSF) 35.09843 35.08289 35.38190 34.99484 35.26104 .00000	ALPHAO 15.85205 15.85408 15.84799 15.93944 15.85408 .00000	.00 GR. CL .41835 .40295 .37892 .38093 .38214	ADIENT INTERV CD .07953 .07750 .07476 .07581 .07551 .00000	VAL = -5.0 CLM .09079 .09255 .09892 .10494 .10526 .00000	CY00095 00384 01097 01441 01387 .00000	CLN 00070 00051 .00006 .00051 .00041	CSL .00398 .00319 .00127 .00004 .00010	BETA .00000 .00000 .00000 .00000 .00000

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# CA-8 - FORCE SOURCE DATA TABULATION

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	1TS7H1			

(TJF458) ( 07 JUN 76 )

	DECEDENCE	A 1							.,0, ,,		Oir (D )
	REFERENCE	UATA							PARAMETRI	DATA	
SPEF = LREF = BREF = SCALE =	2690.0000 SQ.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .0	000 IN.XO 000 IN.YO 000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.205 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 458/ 0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	00/ 5.00			
MACH .155 .155 .154 .154	GP 11.278 13.130 22.944 32.088 GRADIENT	ALPHAW .20543 .17110 .12140 .06516 .00000	Q(PSF) 35.24053 35.27956 35.04582 35.11555 .00000	ALPHAO 3.92783 3.92391 3.87006 3.79761 .00000	CL 08369 07979 07954 08017 .00000	CD .01766 .01940 .02045 .02141 .00000	CLM .10483 .10481 .10446 .10409 .00000	CY .00172 00021 00726 01131 .00000	CLN .00193 .00206 .00174 .00143 .00000	CSL .00352 .00254 .00057 00098 .00000	BETA .00000 .00009 .00000 .00000
			(CA-E	3) K3.1TS7H	115.6.1F20TS	0165.3.5			(TJF45	9) (07 J!	JN 76 )
	REFERENCE	DATA							PARAMETRIC		, ,J
SREF = LPEF = BREF = SCALE =	2690.0000 SQ.F1 474.8100 IN. 936.5800 IN. .0405	XMRP YMRP ZMRP	= .00	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = 10PB = BDFLAP =	4.216 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO.	459/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .154 .154 .155 .155 .155	11.332 4 13.495 4 22.838 4 38.896 4 53.871 4	ALPHAW .21654 .19561 .17397 .13510 .21508 .00000	0(PSF) 35.14727 35.06169 35.26021 35.20510 35.23310 .00000	ALPHA0 7.97445 7.96656 7.94289 7.89159 7.95670	CL .05705 .04463 .03717 .03147 .03140 .00000	CD	CLM .10940 .11018 .11309 .11552 .11723	CY .00259 .00253 00927 00857 01341 .00000	CLN .00233 .00205 .00211 .00133 .00159	CSL .00251 .00252 .00047 00190 .00000	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K3.1757H15.6.1F20T5401G5.3.5

( 07 JUN 76 ) (TJF460)

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		ICC DATA						The second second	PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 S0 474.8100 IN 936.6800 IN 20405	. YMR	P =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAM = STAB = 10RB = BOFLAP =	6.252 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN N	0. 460/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .155 .155 .155 .154 .155	GP 11.341 13.398 22.411 38.309 53.886 64.452 GRADIENT	ALPHAW 6.25222 6.15819 6.13738 6.11801 6.07401 6.20362 .00000	0(PSF) 35.24521 35.50681 35.23063 34.95895 35.35699 35.30743 .00000	ALPHA0 10.01430 9.94088 9.91311 9.86352 9.81195 9.92303	CL .13989 .12747 .10090 .09143 .09324 .09582 .00000	CD .02392 .02299 .02138 .02202 .02107 .02112 .00000	CLM .11268 .11459 .11593 .12017 .12006 .12059	CY .00590 .00129 00149 00715 01659 01220 .00000	CLN .00209 .00186 .00224 .00178 .00143 .00130	CSL .00310 .00273 .00085 00154 00351 00330	BETA .00000 .00000 .00000 .00000 .00000 .00000
			(CA	-81 K3.1TS7	H15.6.1F20TS	0165.3.5			(TJF48	ii) (07 JU	JN 76 )
	REFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 50 474.8100 IN 936.6800 IN	. YMRF	= 1	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	8.145 -2.000 5.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 451/ 0	RN/L =	.00 GPAE	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .154 .159 .155 .155 .155	GP 11.340 12.012 21.461 37.364 52.991 74.094 GRADIENT	ALPHAW 8.14494 8.12785 8.11872 8.23907 8.22085 8.20037 .00000	0(PSF) 34.96010 35.15385 35.16587 35.42682 35.30778 35.17440 .00900	ALPHAO 11.90738 11.91138 11.90339 12.00926 11.96331 11.90339 .00000	CL .21802 .26972 .17401 .16673 .15812 .15895	CD .03379 .03242 .02952 .02907 .02864 .02852 .00000	CLM .11347 .11371 .12097 .12573 .12706 .12809	CY .00582 .00581 00251 00992 01374 01481 .00000	CLN .00136 .00134 .00132 .00109 .00150 .00149	CSL .00191 .00175 00002 00206 00294 00310	BETA .00000 .00000 .00000 .00000 .00000 .00000

# CA-8 - FORCE SOURCE DATA TABULATION

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11:1-121	<i>U.</i> 7	1707::-		1540165	
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(TJF462) 1 07 IIIN 76

	REFERENCE DATA						(TJF <sup>L</sup>	162) (07,	JUN 76 )
SREF ≠	2500 2002						PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 IN. YN 936.6800 IN. ZN .0405	IRP = 1109.0000 IN.XC	)			ALPHAW = STAB = IORB = BDFLAP =	10.097 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN	NO. 462/ 0 RN/L ±	•00 GI	RADIENT INTER	VAL = -5.	00/ 5.00			
MACH .154 .154 .154 .154 .155	GP ALPHAM 11.327 10.09701 11.897 10.08002 20.809 10.16945 37.351 10.16802 52.583 10.27481 84.235 10.20844 GRADIENT .00000	35.07643 13.86421 35.05886 13.87025 35.03707 13.96287 34.90937 13.93871 35.37450 14.01820	CL .29306 .28877 .24949 .22504 .22577	CD .04863 .04789 .04357 .04090 .04148 .04049	CLM -11747 -11808 -12720 -13310 -13534 -13608 -00000	CY .00549 .00501 00462 01147 01219 01379 .00000	CLN .00105 .00101 .00139 .00175 .00199 .00181	CSL .00152 .00146 .00023 00220 00253 00265 .00000	BETA -00000 -00000 -00000 -00000 -00000 -00000
		(CA-B) K3.1TS	7H15.6.1F201	540165.3.5					
	REFERENCE DATA						(TJF46	53) ( 07 JU	JN 76 1
SREF =	2690.0000 SO.FT XMF						PARAMETRIC	DATA	
LPEF = BREF = SCALE =	474.8100 IN. YMF 936.6890 IN. ZMF .0405	RP = .0000 IN.YO RP = 375.0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	12.112 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
	RUN N	0. 463/ 0 RN/L =	.00 GR	ADIENT INTERV	AL = -5.0	0/ 5.00			
MACH - 155 - 154 - 154 - 155 - 155	GP ALPHAW 2C.384 12.11196 23.666 12.09569 39.879 12.14636 55.197 12.22975	0(PSF) ALPHA0 35.19062 15.88456 35.15007 15.88456 35.07745 15.91505 35.24470 15.97197	CL .33309 .31475 .28962 .28749	CD .06307 .05993 .05715 .05735	CLM .13121 .13273 .14112	CY 00010 00138 00946	CLN .00066 .00110 .00198	CSL .00126 .00085 00170	BETA .00000 .00000

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### ICA-81 K3.1157H15.6.1F20T5401G5.3.5

(TJE464) ( N7 JUN 76 )

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	REFERENCE	DATA							PARAMETRI	DATA	
LREF = 47	0.0000 SQ.F 4.8100 IN. 6.6800 IN. .0405	T XMRP YMRP ZMRP	= .00	00 IN.XO 00 IN.YO 00 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	.156 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	. 464/ 0	RN/L =	.00 GR	ADIENT INTERV	/AL = -5.0	0/ 5.00			
MACH .155 .155 .155 .155	GP 11.277 13.857 23.942 32.786 RADIENT	ALPHAW .15594 .11030 .12617 .14973 .00000	0(PSF) 35.20606 35.23972 35.29842 35.18111 .00000	ALPHA0 3.87495 3.86223 3.89377 3.90041 .00000	CL 07921 08220 07982 08613 .00000	CD .01718 .01758 .01804 .01833 .00000	CLM .10596 .10690 .10827 .10764 .00000	CY 00226 .00102 00644 01181	CLN .03206 .00155 .00127 .00305	CSL .00298 .00391 .00160 .00038 .00000	BETA .00000 .00000 .00000 .00000
			(CA-8)	K3.1157F	(15.6.1F20T	340165.3.5			1TJF46	5) / O7 #	JN 75 1
	REFERENCE	DATA							PARAMETRIC		נ פא אנ
LREF = 474	0.0000 SO.FT H.8100 IN. 5.6800 IN. .0405	XMRP YMRP ZMRP	= .000	00 IN.XO 00 IN.YO 10 IN.ZO				ALPHAW = STAB = 10PB = BDFLAP =	4.137 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1,090 .000 -5.000
		RUN NO.	465/ 0	RN/L =	.00 GRA	DIENT INTERV	AL = -5.0	0/ 5.00			
The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	11.275 4	ALPHAH -13744 -13253	0(PSF) 34.99058	ALPHA0 7.90540	CL .04728	CD .01451	CLM .11330	CY 00116	CLN .00109	CSL .00398	BETA .00000

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CA-8 - FORCE SOURCE DATA TABULATION

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affilia in Lagragia			(TJF46	5) (07 J	UN 76 1				
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAM = STAB = IORB = BOFLAP =	6.138 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
	RUN NO	. 466/ 0 RN/L =	.00 GRAD	DIENT INTERVA	L = -5.0	5.00			
MACH . 155 . 155 . 155 . 155 . 155	12.555 6.11759 21.686 6.14177 37.540 6.12289 53.195 6.17584	Q(PSF) ALPHAO 35.20423 9.89922 35.25735 9.89922 35.36765 9.92501 35.22358 9.89327 35.25080 9.92501 35.18393 9.91113 .00000 .00000	CL .11763 .11551 .09243 .09477 .07869 .08329 .00000	CD .C1885 .C1873 .C1754 .C1671 .C1688 .C1726 .C0000	CLM .11616 .11695 .12238 .12568 .12734 .12792 .00000	CY .00265 .00303 00226 00885 01179 01234 .00000	CLN .00100 .00069 .00076 .00031 .00028 .0003	CSL .90446 .00414 .00323 .00111 .00019 .00013	BETA .00000 .00000 .00000 .00000 .00000
		(CA-8) K3.1TS7	H15.6.1F20TS4	0165.3.5			(TJF4E	i7) ( 67 J	UN 75 1
	PEFERENCE DATA	(CA-8) K3.1TS7	H15.6.1F20TS4	0165.3.5			(TUF4E		UN 75 )
SREF = LREF = BREF = SCALE =	PEFERENCE DATA 2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO	H15.6.1F20TS4	0165.3.5		ALPHAW = STAB = ICRB = BOFLAP =			1.090 .000 -5.000
LREF = BREF =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		0165.3.5 DIENI INTERVA	L = -5.0	STAB = ICRB = BDFLAP =	PARAMETRIC 8.126 -2.000 6.000	DATA PN/L = ELEVIR =	1.090

.00000 .00000

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#### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5 (TJF468) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0005 ALPHAW = 10.114 RN/L = 1.090 STAB = -2.000 ELEVIR = .000 IORB = 6.000 ELEVON = -5.000 SCALE = .0405 BDFLAP = -11.700RUN NO. 4587 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAN ALPHAO CL CD CLM CY 13.88233 .27834 .04397 .12268 .01092 CLN CSL -.03022 .00550 -.00028 .00542 Q(PSF) BETA . 154 11.327 10.11423 35.04264 .00000 12.058 10.13001 35.07929 35.11743 . 154 13.92461 .27340 .04341 .12531 .01034 .00000 .154 20.974 10.12936 13.92461 .23770 .03907 -.00185 .13322 -.00306 .00395 .00000 .155 35.43861 37.333 -.00812 .00008 -.01140 .00055 -.01041 .00055 .00000 .00000 10.13338 13.91253 .21332 .13843 .03508 .00175 .00000 . 155 52:732 10:18426 35:33985 13:92266 21117 84:371 10:25390 35:33045 13:94072 20915 GRAD!ENT .00000 .00000 .00000 .14083 03624 .00031 .00000 . 155 .14199 -.010. .03616 .00052 .00000 .03000 .00000 .00000 .00000 (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5 (TJF469) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SPEF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO ALPHAW = 12.137 RN/L = 1.090 STAB = -2.000 ELEVIP = .000 ICRB = ELEVON \* 6.000 -5.000 SCALE = .0405 BDFLAP = -11.700 RUN NO. 469/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 GP ALPHAW MACH CLN CSL -.00031 .00421 -.00341 .00402 .00017 .00164 O(PSF) ALPHAO CL CD CLM CY .31496 .05701 .13784 .00036 .00000 .29851 .05479 .13938 -.00159 .00000 .05268 .05329

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# CA-8 - FORCE SOURCE DATA TABULATION

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	TO A DI	LO TERMINE	
	(CATE)	K 5 1157015 E	1F20TS40165 3 5

(TJF470) ( 07 JUN 76 )

	REFERENC	E DATA							(10)4	701 ( 07 ,	JUN 76 )
SREF =	2690.0000 SQ.								PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 IN. 936.6800 IN. .0405	YMRI ZMRI	⊃ = 375.	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.211 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
N. C.		F' % NO	). <del>4</del> 70/ )	RN/L =	.00 GRA	DIENT INTER	VAL = -5.	00/ 5.00			
MACH .154 .155 .155 .155		ALPHAW .21106 .16162 .11072 .13601 .00000	0(PSF) 35.04381 35.32128 35.22565 35.40252 .00000	ALPHAO 3.93370 3.92293 3.86908 3.89356 .00000	CL 07670 07986 08451 08262 .00000	CD .01743 .01716 .01796 .01792 .00000	CLM .10842 .10804 .10766 .10794 .00000	CY .00216 00043 00796 01098 .00000	CLN .00195 .00159 .00118 .00083	CSL .00364 .00315 .00136 .00089	BETA .01000 .01000 .00000 .00000
			(CA-	-81 K3.1TS7H	15.6.1F20TS	10105 3 5					
	REFERENCE	DATA				.0.05.5.5			(TJF47	ال 07 ا (1)	UN 76 1
SREF =	2690.0000 SQ.F		= ling c						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 îN. 936.6800 IN. .0405	YMRP ZMRP	= 375.0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	4.154 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	471/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH . 155 . 154 . 154 . 154	12.938 22.211 38.342	ALPHAW 4.15394 4.13429 4.10787 4.11637 4.16156 .00600	0(PSF) 35.26961 35.14014 34.94914 34.89285 34.82167 .00000	ALPHA0 7.91329 7.90546 7.87778 7.87187 7.90146 .00000	CL .05323 .03866 .02791 .02449 .02517 .00000	CD .01463 .01378 .01347 .01351 .01374 .00000	CLM -11461 -11473 -11783 -12014 -12096 -00000	CY .00486 .00239 00458 00645 01029 .00000	CLN .00135 .00120 .00109 .00005 .00348 .00000	CSL .00422 .00479 .00252 .00102 .00077	BETA .00000 .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6,1F20TS401G5.3.5

(TJF472) ( 07 JUN 76 )

	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMR 474.8100 IN. YMR 936.6800 IN. ZMR .0405	P = .0000 IN.YO				ALPHAW = STAB = 10RB = BDFLAP =	6.134 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN N	0. 472/ 0 RN/L =	.00 GRAD	IENT INTERV	'AL = -5.	00/ 5.00			
MACH .155 .155 .154 .154 .155	GP ALPHAW 11.341 6.13374 12.383 6.10972 21.491 6.09742 37.336 6.14277 53.015 6.17480 63.491 6.20149 GRADIENT .00000	0(PSF) ALPHA0 35.24521 9.89526 35.20207 9.89129 35.12124 9.87542 35.03931 9.90716 35.32938 9.91708 35.29715 9.92898 .00000 .00000	CL .12362 .11458 .09703 .08420 .07939 .08205 .00000	CD .01790 .01713 .01587 .01563 .01548 .01575	CLM .11459 .11518 .12129 .12309 .12535 .12564 .00000	CY .00256 00084 00277 00996 011283 01380 .00000	CLN .03069 .00078 .00077 .00013 .00048 .00022	CSL .00429 .00365 .00350 .00108 .00014 .00009	BETA -01000 -01000 -01000 -00000 -00000 -00000
		(CA-8) K3.1T57	H15.6.1F20TS4	0165.3.5			CTJF47	3) ( D7 JU	JN 76 )
	REFURENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 50.FT XMR 474.8100 IN. YMR 935.6800 IN. ZMR .0405	P = .0000 IN.YO				ALPHAW = STAB = IORB = BOFLAP =	8.145 -4.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
	RUN N	0. 473/ 0 RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	00/ 5.00			
MACH .155 .155 .154 .154 .154	GP ALPHAW 11.340 8.14460 11.856 8.12377 21.247 8.11041 37.229 8.13433 52.703 8.17323 73.888 8.22739	Q(PSF) ALPHAO 35.30291 11.91138 35.44481 11.91537 35.12043 11.89939 34.88457 11.90139 35.18097 11.91936 35.28107 11.93534	CL .19841 .19286 .15934 .14485 .14234 .14185	CD .02770 .02718 .02375 .02289 .02285	CLM .11680 .11792 .12518 .12907 .13106	CY .00397 .00447 00427 01136 01214 01212	CLN .00013 .00021 .00034 .00017 .00046	CSL .00497 .00434 .00294 .00075 .00028	BETA .01000 .01000 .01000 .00000

CA-B - FORCE SOURCE DATA TABULATION

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### (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(TUF474) ( 07 JUN 76 )

	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	= .0000 IN.YO		ALPHAW = STAB = 10RB = BDFLAP =	10.110 RN/L = -4.000 ELEVTR = 6.000 ELEVON = -11.700	1.090 .000 -5.000
	RUN NO	). 474/ 0 RN/L =	.00 GRADIENT INTER	RVAL = -5.00/ 5.00		
MACH - '54 - 155 - 155 - 155 - 154 - 154	GP ALPHAW 11.327 10.11027 11.853 10.13740 20.771 10.14013 37.100 10.14382 52.517 10.17840 84.181 10.23508 GRADIENT .00000	0(PSF) ALPHA0 35.02771 13.88031 35.29834 13.93468 35.31721 13.94072 35.23159 13.92058 35.17838 13.92864 35.17999 13.92260 .00000 .00000	CL CD .27618 .04239 .26896 .04141 .22900 .03678 .21253 .03499 .20496 .03418 .20682 .03431 .00000 .00000	CLM CY .12134 .00229 .12235 .00912 .1313100447 .1358101331 .1382001321 .1398201319 .00000	CLN CSL .00003 .0044300029 .00517 .00000 .00348 .00027 .00136 .0006500901 .00069 .00010	.00000 00000
		(CA-8) K3.1TS7	7H15.6.1F20TS401G5.3.5		(TJF475) ( 07	JUN 76 1
	REFERENCE DATA				PARAMETRIC DATA	
SREF = LREF =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF			ALPHAW =	12.143 RN/L = -4.000 ELEVIR =	1.090
BREF = SCALE =	936.6800 IN. ZMRF .0405			STAB = IORB = BDFLAP =	6.000 ELEVON = -11.700	.000 -5.000
	936.6800 IN. ZMRF	2 = 375.0000 IN.ZO	.00 GRADIENT INTER	IORB =	6.000 ELEVON =	

. 154 . 154

22.249

53.299

GRADIENT

4.12378

4.12749

4.14266

35.13487

35.19922

35.16427

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# (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(TJF476) ( 07 JUN 76 )

### REFERENCE DATA

SREF =	2690.0000 SQ	FT XMRF	- 1100 c	000					PARAMETRI	C DATA	
LREF = BREF = SCALE =	474.8100 IN 936.6800 IN .0405	YMRE	·	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = IORB = BDFLAP =	.160 .000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 .000 -5.000
		RUN NO	476/ 0	RN/L =	.00 GRA	DIENT INTER	VAL = -5.				
MACH - 155 - 154 - 154 - 154	13.873	ALPHAW .15981 .11614 .12071 .13886 .00000	0(PSF) 35.28758 35.07277 34.93798 35.07257 .00000	ALPHA0 3.87398 3.86223 3.86223 3.87985 .00000	CL 08461 08131 08415 08599 .00000	CD .01596 .01675 .01690 .01727 .00000	CLM -10343 -10384 -10423 -10545 -00000	CY .00155 .00002 00920 01085 .00000	CLN .03215 .03206 .00130 .00071	CSL .00390 .00277 .00141 .00081	BETA .01000 .01000 .00000 .00000
			(CA-8	3) K3.1TS7H	15.6.1F20TS	0165.3,5			(TJF47	7) ( 07 "	JN 76 )
	REFERENCI	DATA									JN 76 )
SREF = LREF = BREF = SCALE =	2690.0000 SO.F 474.8100 IN. 936.6800 IN. .0405	YMRP ZMRP	= .00 = 375.00	000 IN.XO 000 IN.YO 00 IN.ZO				ALPHAW = STAB = 10PB = BDFLAP =	PARAMETRIC 4.122 .000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 .000 -5.000
		RUN NO.	477/ 0	RN/L =	00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH •154 •154 •154	12.964	4.10219	0(PSF) 35.12137 35.04919	ALPHA0 7.88173 7.87581	CL .04511 .04040	CD .01307 .01264	CLM .11172 .11218	CY .00267	CLN .00120	CSL .00446	BE TA . 00000

.01257

.01261

.01290

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.11218

.11503

.11715

.11903

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.00064

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-.01311

-.01295

.00108

.00079

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-.00007

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.00555

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.03051

.02406

.02227

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7.89554 7.88370

7-88173

MACH

.155

.154

. 154

. 154

.155

.155

11.340

11.872

21.259

37.239

52.742

73.916

GRADIENT

CA-8 - FORCE SOURCE DATA TABULATION

11.86944

11.86344

11.90538

11.95132

11.91936

11.90538

.00000

**ALPHAO** 

O(PSF)

35.31768

35.06248

35,06959

35.13812 35.31012

35.20446

ALPHAM

8.10660

8.08006

8.11577

8.18743

8.17364 8.20100 .00000

CL

.20446

.20120

.16361

.15070

. 14427 . 14467

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BETA

.00468

.00410

.00122

.00022

.00012

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.00000 .00000 .00000 .00000

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REFERENCE DATA		3.1FC01540165.3.5 1		(TJF478) ( 07 JL	JN 76 )
	XMRP = 1109.0000 IN.XO			PARAMETRIC DATA	
LREF # 474.8100 IN. YMF BREF # 936.6800 IN. ZMF SCALE # .0405	P = .0000 IN.YO P = 375.0000 IN.ZO		ALPHAW = STAB = ICRB = BDFLAP =	6.123 RN/L = .000 ELEVTR = 6.000 ELEVON = -11.700	1.090 .000 -5.000
MACH GP ALPHALI		GRADIENT INTERVAL = -5.	00/ 5.00		
.155 11.341 6.12246 .154 12.541 6.10245 .154 21.649 6.14773 .154 37.529 6.15022 .154 53.188 6.15415 .154 63.663 6.19072 GRADIENT .000000	34.98131 9.92303 ( 35.1937 9.91311 ( 35.06746 9.89526 ( 35.17632 9.91509 (	L CD CLM 11580 .01736 .11350 11731 .01787 .1:557 08955 .01619 .11996 089609 .01634 .12334 08076 .01605 .12467 08214 .01674 .12559 00000 .00000 .00000	CY .00271 .00270 00691 01140 01438 01436 .00000	CLN CSL .00103 .00437 .00103 .00380 .00059 .00265 .00018 .00056 .0002700010 .0002100006 .00000 .00000	BETA .00000 .00000 .00000 .00000 .00000
그는 보고를 만들어 들어 걸으면 됐다.	(CA-8) K3. (TS7H15.6.	1F20TS401G5.3.5			
REFERENCE DATA	생산이 보다 보고 되었다. 현생님, 또 하나를, 불자되었다. 사람들은 기상이 가장하는 생각이			(TJF479) ( 07 JUN	76 )
SREF = 2690.0000 SO.FT XMRP LREF = 474.8100 IN. YMRP			PA	RAMETRIC DATA	
BREF = 936.6800 IN. ZMRP SCALE = .0405	= .0000 tv vo		ALPHAH = STAB = IORB =	8.107 RN/L = .000 ELEVIR = 6.000 ELEVON =	1.090 -000 -5.000
RUN NO	. 479/ 0 RN/L = .00	GRADIENT INTERVAL	BDFLAP = -	11.700	

CD

.02871

.02841

.02508

.02455

.02385

.00000

GRADIENT INTERVAL = -5.00/ 5.00

CLM

.11667

.11717

.12552

.12827

.13091

.13170

.00000

CY

.00203

-00356

-.00682

-.01079

-.01212

-.013:6

.00000

CLN

.00032

.00043

-00055

.00010

.00041

.00039

.00000

(CA-8) K3.1157H15.6.1F20T540165.3.5

## (CA-8) K3.11S7H15.6.1F20TS401G5.3.5

(TJF480) ( 07 JUN 76 )

### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 2690.0000 S0 FT YMPR - 1100.0000	CHRANEIRIC DATA	
SREF = 2690.0000 SQ.FT	ALPHAW = 10.145 RN/L = 1.090 STAB = .000 ELEVTR = .000 10RB = 6.000 ELEVON = -5.000 BDFLAP = -11.700	
	.00/ 5.00	
MACH GP ALPHAW Q(PSF) ALPHAO CL CD CLM .154 11.327 10.14503 35.12387 13.91253 .27422 .04284 .12142 .154 12.218 10.12261 35.11607 13.91454 .27729 .04304 .12317 .155 21.134 10.12411 35.21648 13.91857 .23409 .03827 .13121 .155 37.467 10.16314 35.22323 13.93871 .21477 .03657 .13629 .155 52.878 10.19129 35.36329 13.93871 .20881 .03566 .13815 .155 84.539 10.25356 35.30286 13.93468 .20924 .03559 .13992 .156 GRADIENT .00000 .00000 .00000 .00000	CY CLN CSL BETA .0037103014 .03436 .03000 .037206002 .00498 .00000 .003800015 .00369 .0000001635 .00624 .00120 .0000001564 .0005600017 .0000001564 .0006000011 .00000 .00000 .00000 .00000 .00000	

### (CA-8) K3.1157H15.6.1F20T540165.3.5

#### (TJF481) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF = 2690.0000 SQ.FT XMRP =	1109.0000 IN.XO			•	
LREF = 474.8100 IN. YMRP =	.0000 IN.YO		ALPHAW = 12.153	PN/L =	1.090
BREF = 936.6800 IN. ZMRP =	375.0000 IN.ZO		STAB = .000	ELEVTR #	.000
SCALE = .0405	3.3.0000 11.20		10RB = 6.000	ELEVON =	-5.000
그 그렇게 되었다. 네트리아 아래 바다 나를 했다.			BDFLAP = -11.700		

RIN NO	4917 n	Dilet -				
110.1	1017 0	LUNIT =	.00	GRADIENT	INTERVAL = -	5 007 5 00

MACH .155 .155 .154 .155 .155	GP ALPH 20.394 12.152 23.693 12.132 39.714 12.144 55.192 12.201 97.510 12.297 GRADIENT .000	70 35.31151 15.92521 48 35.22409 15.92318 98 35.16720 15.91505 66 35.22127 15.93944 54 35.22467 15.92928	.31567 .30100 .28092 .27703 .28136	CD .05684 .05499 .05232 .05255 .05275	-14493 -14721	CY .00061 00221 01101 01293 01329 .00000	CLN 00038 0005 0024 00067 00085	CSL .00373 .00310 .0011! .00031 00013 .00000	BETA .00000 .00000 .00000 .00000
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DAT	Ε	06	JUL	.7	6

#### CA-8 - FORCE SOURCE DATA TABULATION

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			(CA-	8) K3.1TS7	F2015	10165.3.5			(TJF48	321 ( 07 J	JN 76 1
	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	YMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = ICRB = BDFLAP =	.145 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
		RUN NO.	4827 0	RN/L =	.00 GRAD	DIENT INTERVA	4L = -5.0	00/ 5.00			
MACH .155 .155 .155 .155	GP 11.277 14.391 24.485 33.363 GRADIENT		0(PSF) 35.39961 35.26386 35.30441 35.28037 .00000	ALPHAO 2.86125 3.84460 3.88181 3 92587 .00000	CL 07890 08841 08292 08280 .00000	CD .01774 .01798 .01845 .01822 .00000	CLM -10514 -10401 -10381 -10494 -00000	CY .00367 00126 00691 00954 .00000	.00000	CSL .00398 .00328 .00198 .00079 .00000	BETA .00000 .00000 .00000 .00000
			(CA-	81 K3.1TS7	F2015	10165.3.5			(TJF48	3) ( 07 JI	JN 76 1
	REFERENCE	ATAC							PARAMETRIC	DATA	
SREF =											
LREF = BREF = SCALE =	2690.0000 SO.FT 474.8100 IN. 936.6800 IN. .0405	XMRP YMRP ZMRP	= .0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = 10RB = BDFLAP =	4.103 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
LREF = BPEF =	474.8100 IN. 936.6800 IN.	YMRP	= .0 = 375.0	0000 IN.YO	-00 GRAI	DIENT INTERVA	AL = -5.	BDFLAP =	6.000		

								P#	10F 338
		(CA-B) K3.1TS	7 F20TS	401G5.3.5			(TJF4)	B4) (07 J	IUN 76 )
	REFERENCE DATA						PARAMETRI	C DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.FT XMF 474.8100 IN. YMF 936.6800 IN. ZMF .0405	RP = .0000 IN.YO				ALPHAW = IORB = BOFLAP =	6.140 6.000 -11.700	RN/L = ELEVON =	1.090 -5.000
	RUN N	10. 484/ 0 RN/L =	.00 GRAI	DIENT INTERV	AL = -5.	00/ 5.00			
MACH .155 .154 .154 .154 .155	GP ALPHAW 11.341 6.13967 13.062 6.11796 22.182 6.11422 38.064 6.1432 53.730 6.16348 64.213 6.19447 GRADIENT .00000	Q(PSF) ALPHAO 35.21092 9.89724 35.15279 9.89724 34.95147 9.88931 35.11535 9.90518 35.19745 9.90716 35.36898 9.92105 .00000 .00000	CL .11165 .11173 .09096 .07921 .08102 .07867 .00000	CD .01782 .01819 .01742 .01707 .01704 .01682	CLM .11421 .11691 .12109 .12554 .12552 .12597	CY .00199 .00542 00240 00700 00996 01244 .00000	CLN .00084 .00073 .00090 .00038 .00042 .00018	CSL .00394 .00387 .00242 .00142 .00012 00008	BETA 01000 01000 01000 01000 01000 01000
		(CA-8) K3.1157	FONTE	0165.3.5					
			1 50134	0103.3.5			(TJF48	5) (D7 J(	JN 76 )
	REFERENCE DATA		120154	0103.3.5			i de la filo e I		JN 76 )
SREF = LREF = BREF = SCALE =	REFERENCE DATA  2690.0000 SQ.FT XMR 474.8100 IN. YMR 936.6800 IN. ZMR .0405	P = 1109.0000 IN.XO P = .0000 IN.YO				ALPHAW = 10RB = BCFLAP =	PARAMETRIC 8.130 5.000 -11.700		1.090 -5.000
LREF = BREF =	2690.0000 SQ.FT XMR 474.8100 IN. YMR 936.6800 IN. ZMR .0405	P = 1109.0000 IN.XO P = .0000 IN.YO		IENT INTERVA	NL ≠ -5.0	ICRB = BDFLAP =	PARAMETRIC 8.130 5.000	DATA RN/L =	1.090

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GRADIENT

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CA-8 - FORCE SOURCE DATA TABULATION

( 07 JUN 76 ) (TJF486) (CA-8) K3.1TS7 F20TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 10.130 RN/L = 1.090 ALPHAW = SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO ELEVON = -5.000 LREF = 474.8100 IN. YMRP = .0000 IN.YO 6.000 IORB = BDFLAP = -11.700BREF = 936,6800 IN. ZMRP = 375.0000 IN.ZOSCALE = .0405 RUN NO. 486/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 BETA CLN CSL Q(PSF) ALPHAO CL CD CLM MACH ALPHAW .00004 .00455 -.01000 13.89441 .27628 .04274 .12216 .00752 11.327 35.16484 . 154 10.12957 .00498 -.01000 1:551. .00793 -.00038 .04141 . 154 35.06404 13.89239 .26762 12.303 10.10131 -.01000 .00356 .00032 .22504 .03679 .130:5 -.00161 .154 21,230 10.13737 35.02414 13.92461 -.01000 .00034 .00138 .155 .20823 .03568 .13598 -.00850 37,575 10.12807 35.23943 13.90246 -.01000 .13771 -.00937 .00071 .00021 10.16399 35.29635 13.91253 .20443 .03573 .155 53.010 -.01043 .00058 .00012 -.01000 .20680 .03619 .13972 10.23953 35,17633 13.92058 . 154 84.660 .00000 .00000 .00000 .00000 .00000 .00000 GRADIENT .00000 .00000 .00000 .00000 (TJF487) ( 07 JUN 76 ) (CA-8) K3.1TS7 F20TS401G5.3.5 PARAMETRIC DATA REFERENCE DATA 12.185 RN/L = 1.090 ALPHAW = SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO ELEVON = -5.000 LREF = 474.8100 IN. YMRP = .0000 IN.YO IORB = 6.000 ZMRP = 375.0000 IN.ZO BOFLAP = -11.700BREF = 936.6800 IN. SCALE = .0405 .00 GRADIENT INTERVAL = -5.00/ 5.00 RUN NO. 487/ 0 RN/L = CY CLN ALPHAW Q(PSF) ALPHAO CD CLM MACH -.00033 .00376 -.01000 .31168 .05511 .13483 -.00976 . 154 35.14160 15.95570 20.361 12.18434 .13788 .00280 -.00015 .00347 -.01000.30157 .05492 . 154 23.649 12.16086 35.04520 15.94757 -.00753 .00015 .00163 -.01000.05198 .14380 12.14953 15.92318 .27640 .154 34.84926 39.651 .00051 -.01000 .00070 .14632 -.01031 15.93741 .27520 .05225 . 154 55.161 12.19496 35.00833 -.01000 .00080 -00024 -.01069 12.32222 35.29399 15.95570 .28145 .05346 .14911 . 155 97,479 .00000 .00000

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DAT	F 1	חב	11 11	70

### CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(TJF488) ( 07 JUN 76 )

	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SO.F 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	'∴ <b>=</b> .(	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 1ORB = BDFLAP =	.166 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 17.000 -5.000
		RUN NO	. 488/ 0	RN/L =	.DO GRAD	IENT INTERV	AL = -5.	00/ 5.00			
MACH .155 .154 .154 .155	GP 11.277 14.404 24.489 33.353 GRADIENT	ALPHAW .16590 .11680 .11492 .14328 .00000	0(PSF) 35.27085 35.09365 34.94853 35.58258 .00000	ALPHAO 3.88768 3.87104 3.86418 3.89258 .00000	CL 07373 08020 07924 07849 .00000	CD .01705 .01694 .01777 .01774	CLM .10409 .10458 .10503 .10645 .00000	CY .00305 .00015 00558 01060 .00000	CLN .00189 .00202 .00125 .00051	CSL .00420 .00438 .00188 .00073 .00000	BETA .00000 .00000 .00000 .00000
			(CA-	8) K3.1157	H15.6.1F20TS4	0105.3.5			(TJF48	9) ( 07 JL	JN 76 )
	REFERENCE	DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT 474.8100 IN. 936.6800 IN. .0405	T XMRP YMRP ZMRP	= .0	000 IN.X0 000 IN.Y0 000 IN.Z0				ALPHAW = STAB = IORB = BDFLAP =	4.115 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 17.000 -5.000
		RUN NO	. 489/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.	00/ 5.00			
MACH - 154 - 154 - 154 - 154	13.365 L 22.653 L 38.786 L	ALPHAW +.11466 +.11240 +.13697 +.15506 +.18163	Q(PSF) 35.15361 35.13836 34.91403 35.11812 35.18617	ALPHAO 7.8778 7.88765 7.91132 7.91526 7.92316	CL .05321 .04763 .03479 .02808 .02601	CD .01407 .01353 .01378 .01422 .01368 .00000	CLM .11094 .11259 .11563 .11761 .11900 .00000	CY .00129 .00134 00463 00995 01225	CLN .00118 .00127 .00112 .00022 .00034	CSL .00378 .00326 .00249 .00048 00003	BETA .00000 .00000 .00000 .00000

PRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

A T C	25	JUL	75

# CA-8 - FORCE SOURCE DATA TABULATION

11	CA-R3	<b>K3 1</b>	TS7H15	· 6	1F20	1T540	165.3	3.5

( 07 JUN 76 ) (TJF490)

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	REFERENC	E DATA							PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ. 474.8100 IN 936.6800 IN	YMRP	<b>= .</b> 0	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	6.174 -2.000 6.000 -11.700	RN/L = ELEVIR = ELEVON =	1.090 17.000 -5.000
		RUN NO	. 490/ 0	RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .154 .154 .155 .155 .154	GP 11.341 13.318 22.420 38.313 53.958 64.430 GRADIENT	ALPHAW 6.17440 6.15493 6.13477 6.10959 6.15133 6.19136	0(PSF) 35.18610 35.15054 34.99292 35.52448 35.18180 35.06910 .00000	ALPHAO 9.93295 9.93692 9.91311 9.88137 9.89129 9.91113	CL .12569 .12523 .09420 .08754 .08171 .08334 .00000	CD .01889 .01862 .01731 .01676 .01584 .01723 .00000	CLM .11315 .11602 .12015 .12290 .12447 .12537 .00038	CY .00-02 .00537 00395 00799 01186 01446 .00000	CLN .03091 .00045 .00053 .00001 .00040 .00019	CSL .00449 .00497 .00278 .00089 .00022 00035	BETA .00000 .00000 .00000 .00000 01000 01000
			ICA-	-8) K3.ITS7H	15.6.1F20TS4	0165.3.5			(TJF49	11) 1 07 JU	JN 76 )
	PEFEREN	CE DATA							PARAMETRIC	DATA	
SREF = LPEF = BREF = SCALE =	2690.0000 S0 474.8100 IN 936.6800 IN	.FT XMRF	) =	0000 IN.XO 0000 IN.YO 0000 IN.ZO				ALPHAW = STAB = 10RB = BDFLAP =	8.145 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
		RUN NO	), 491/0	RN/L =	.00 GPAD	HENT INTERV	/AL = -5.0	00/ 5.00			
MACH . ! 54 . ! 54 . ! 55 . ! 54 . ! 55 . ! 55	GP 11.340 12.493 21.862 37.845 53.329 74.503 GRADIENT	ALPHAH 8.14532 8.11722 8.11304 8.15513 8.18385 8.22787	0(PSF) 35.07151 35.12927 35.24135 35.05107 35.21850 35.24889 .00000	ALPHAO 11.90538 11.90538 11.89739 11.92136 11.92735 11.92536 .00000	CL .20520 .19737 .16126 .15016 .14377 .14688	CD .02873 .02772 .02474 .52488 .62431 .02477	CLM .11619 .11686 .12312 .12733 .12994 .13097 .00000	CY .00409 .00612 00311 00717 01101 01248 .00000	CLN .00016 .00032 .00045 .00024 .00034 .00041	CSL .00516 .00436 .00272 .00090 .00090 00022 .00000	BETA .00000 .00000 .00000 01000 01000 01000

15.92725

15.91505

15.91912

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# (CA-8) K3.1157H15.6.1F20T5401G5.3.5

(TUE492) ( 07 JUN 76 )

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## REFERENCE DATA

SREF = LREF =	2690.0000 SQ.FT XMR	P = 1109.0000 IN.XO				PARAMETRIC	DATA	
BREF = SCALE =	474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	חץ אז 2000 = "		- 1	LPHAW = TAB = ORB = DFLAP =	10.122 -2.000 6.000 -11.700	RN/L * ELEVTR = ELEVON *	1.090 17.000 -5.000
	RUN NO	0. 492/ 0 RN/L =	.00 GRADIENT I			11.700		
MACH - 154 - 154 - 153 - 154 - 154	GP ALPHAW 11.327 10.12242 12.507 10.09824 21.415 10.12554 37.725 10.14992 53.183 10.20148 84.838 10.26602 GRADIENT .00000	0(PSF) ALPHAO 35.21226 13.88635 35.17201 13.88635 35.21056 13.91656 34.68817 13.92260 35.08207 13.94273 35.10524 13.93669 .00000 .00000		CLM 10 .12090 72 .12293 30 .12975 57 .13645 58 .13820 19 .13955	CY .00719 .00583 .00009 00983 01109 01208 .00000	CLN 00027 00002 .00015 .00030 .00066 .00059	CSL .00488 .00427 .00273 .00071 .00007 -00005	BETA 01000 01000 01000 01000 01000 01000
		(CA-8) K3.1TS7	H15.6.1F20TS401G5.3.	5		( T 151 0		
	REFERENCE DATA					(TJF493	5) ( 07 JC	IN 76 )
SREF =	2690.0000 SO.FT XMRP				i	PARAMETRIC	DATA	
LREF = BREF = SCALE =	935.5890 IN. ZMRP .0405	= 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO		51 10	PHAW = AB = RB = FLAP =	-5.000	RN/L = ELEVTR = ELEVON =	1.090 17.000 -5.000
	RUN NO.	. 493/ 0 RN/L =	.00 GRADIENT IN	TERVAL = -5.00/	5.00			
MACH .155 .155 .154	55.755 12.16263	Q(PSF) ALPHAO 35.22242 15.95164 35.23955 15.95164 34.89703 15.9575	CL CD .32311 .05856 .30832 .05654	CLM 13269	5.00 CY .00226	CLN 00016	CSL .00351	65TA 01G00

.05247

.05279

.05338

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.27656 .27713

.27934 .00000

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-14641

.14809

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-.00937

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55.237

97.563

GRADIENT

12.17637

12.29622

.00000

34.89703

35.19905

35.12752

.00000

CA-8 - FORCE SOURCE DATA TABULATION

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# (CA-8) K3.1TS7H15.6.1F20TS40105.3.5

(TJF494) ( 07 JUN 76 )

一 多海绵色粉织 机燃料	REFERENCE DATA								,0.1 /0 /
							PARAMETRIC	DATA	
SREF = LPEF = BREF = SCALE =	474.8100 IN.	XMRP = 1109.0000 I YMRP = .0000 I ZMRP = 375.0000 I	N. YO			ALPHAW = STAB = IORB = BDFLAP =	.161 -2.000 6.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUI	N NO. 4947 D RN/I	L = .00 G	RADIENT INTERVA	NL = -5.00	0/ 5.00			
MACH - 154 - 154 - 154 - 154	GP ALPH, 11.277 .161 13.665 .119 23.741 .1415 32.517 .1545 GRADIENT .0000	15	PHAO CL 759309423 700608738 316008791	cn	CLM .10449 .10715 .10679 .10688 .00000	CY .00208 00039 00252 00878 .00000	CLN .00181 .00187 .00140 .09043 .09060	CSL .00391 .00378 .00198 .00125	BETA .00000 .00000 .00000 .00000
		ICA-8) K3.	1157H15.6.1F20	TS40165.3.5			17JF49	5) (07)	UN 76 )
	REFERENCE DATA								ON 76 )
SREF =	2690.0000 SQ.FT >						PARAMETRIC	DATA	
LREF = BREF = SCALE =	474.8100 IN.	MRP = 1109.0000 IN MRP = .0000 IN MRP = 375.0000 IN	1.YO			ALPHAW = STAB = IOPB = BDFLAP =	4.131 -2.000 5.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN	NO. 495/ 0 RN/L	= .00 GR	RADIENT INTERVA	L = -5.00.	/ 5.00			
MACH .159 .154 .154 .154	GP ALPHA 11.331 4.1305 12.686 4.1108 21.973 4.1329 38.076 4.1304 53.029 4.1816 GRADIENT .0000	2 34.99911 7.83 3 35.06213 7.88 1 35.11182 7.90 3 34.96474 7.88 8 34.92186 7.92	HAO CL 765 .04247 557 .04436 343 .01958 765 .01745 316 .01782	CD .01153 .01150 .01100 .01076 .01054 .00000	CLM .11317 .11550 .11597 .11914 .12002 .00000	CY .00430 .09225 00559 00792 01077 .30000	CLN -00114 -00097 -00071 -00013 -00053 -00000	CSL .00455 .00485 .00113 .00129 .0000	BETA .00000 .00000 .00000 .00000

#### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5 (TJF496) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SPEF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO ALPHAW = 1.090 6.129 RN/L = LREF = 474.8100 IN. YMRP = .0000 [N.YO STAB = -2.000 ELEVIR = -23.000 BRFF = 936.6800 IN. ZMRP = 375.0000 IN.2010RB = ELEVON = 6.000 -5.000 SCALE = .0405 BOFLAP = -11.700RUN NO. 496/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW Q(PSF) ALPHAO CL CD CLM CY .155 11.341 6.12942 35,26834 9.88732 .11858 .01625 .11470 .00356 .00402 .00101 ,00000 12.167 . 154 6 :0717 35.16963 9.88534 .10517 .01532 .11577 .00655 .00290 .00492 .00000 . 154 21.286 6.13031 35.09429 9.91113 .09022 .12165 .01364 -.00382 .00000 .00081 .00317 .155 37.167 6.14776 35.27065 9.91509 .09262 .12498 .01347 -.00998 .00002 .00138 .00000 . 155 52.828 6.17005 35.23718 9.91708 .07773 .01343 . 12580 -.00933 .00048 .00052 .00000 . 154 63.312 6.22391 35.18165 9.95676 .07690 .01329 .12617 -.01185 .00033 .00053 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 -00000 .00000 (CA-8) K3.1157H15.6.1F20TS401G5.3.5 (TJF497) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2890.0000 SO.FT XMRP = 1109.0000 IN.XOALPHAW = 8.125 RN/L = 474.8100 IN. LRFF = YMRP = .0000 IN.YO STAB = -2.000 10RB = 6.000 ELEVTR = -23.000 ELEVON = -5.000 BREF = 936.6820 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405 BOFLAP = -11.700 RUN NO. 497/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP	ALPHAW QUPS	F) ALPHAO CL	CD	CLM (	CY CL	N CSL	BETA
.154 11.340	8.12496 35.147	94 11.88541 .19	372 .02547			0035 .00353	.00000
.154 11.582	8.10205 35.130	23 11.88142 .19	245 .02534	,		00054 .00431	.00000
-154 20.972	8.07818 35.049		757 .02134	.12694	.00:79 .0	90020 05000	.00000
.154 36.959	8.16592 35.206		665 .02105	.13041 -	.00759 .0	20100. 2500	.00000
.154 52.459 .154 73.641	8.23187 35.002		004 .02947			10051 .00079	.00000
.154 73.641 GRADIENT	8.24647 35.193		709 .02025			1004200097	.60000
OKADIENI	000. 00000.	00 .00000 .00	00000.0000	.03000	.00000 .0	.0000	.00000

# DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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(CA-B)	K3.	1TS7H15.	6.1F20TS401	165.3.5

(TJF498) ( 07 JUN 76 )

	REFERENCE DATA				PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO		ALPHAW = STAB = IORB = BDFLAP =	10.133 -2.000 6.000 -11.700	RN.'L = ELEVTR = ELEVON ÷	1.090 -23.000 -5.000
	RUN NO	. 498/ 0 RN/L =	.00 GRADIENT INTERVAL = -	5.00/ 5.00			
MACH . 154 . 154 . 153 . 155 . 154	GP ALPHAW 11.242 10.13256 11.587 10.08095 20.518 10.10779 36.852 10.15753 52.287 10.15991 83.938 10.22401 GRADIENT .00000	Q(PSF) ALPHA0 35.15103 13.89843 35.17906 13.87226 35.15779 13.90045 34.75579 13.93065 35.29207 13.91454 35.17755 13.92058 .00000 .00000	CL CD CLM .27398 .04086 .1225 .27130 .04027 .1228 .23102 .03500 .1322 .20057 .03139 .1362 .20004 .03137 .1390 .20412 .03206 .1404 .00000 .00000 .00000	1 .00534 8 .00054 200928 801049 501006	CLN 00022 00009 00012 .00030 .00060 .00056	CSL .00495 .00503 .00402 .00106 .00078 .00068	BETA .00000 .00000 .00000 .00000 .00000

# (CA-8) K3.1TS7H15.6.1F20TS40165.3.5

(TUF499) ( 07 JUN 76 )

## REFERENCE DATA

SREF = 2690.0000 SC LREF = 474.8100 IN BREF = 936.6800 IN SCALE = .0405	N. YMRP =	0000 IN.XO 0000 IN.YO 0000 IN.ZO RN/L = .00	GRADIENT INTERVA	ALPHAW =	-2.000 6.000	RN/L = ELEVIR = ELEVON =	1.090 -23.000 -5.000
MACH GP .155 20.304 .154 23.594 .154 39.594 .154 55.100 .155 97.411 GRADIENT	ALPHAN 0(PSF) 12.14629 35.21560 12.14745 35.20122 12.13790 34.77986 12.17645 35.18011 12.29176 35.26617 .00000 .00000	ALPHAO CL 15.94351 .3185 15.93944 .2959 15.91302 .2717 15.92725 .2721 15.95164 .2774 .00000 .00000	4 .05152 7 .04797 2 .04866 0 .04929	CLM CY .1377: .00362 .13896 .00033 .1451000641 .1477601113 .1497801157 .00000 .00000	00037 .00024 .00073 .00084	CSL .00490 .00368 .00176 .00047 .00021 .00000	BEIA .00000 .00000 .00000 .00000 .00000

53.070

GRADIENT

6.14929

35.47685

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11.94733

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### (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

#### ( 07 JUN 76 ) REFERENCE DATA

	HEILENER DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRI 474.8100 IN. YMRI 936.6800 IN. ZMRI .0405	P = .0000 IN YO				ALPHAW = STAB = IORB = BDFLAP =	.171 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON = GRD PL =	1.090 -23.000 -5.000 11.000
	RUN NO	0. 500/ 0 RN/L =	.00 GRAD	IENT INTERV	'AL = -5.0	00/ 5.00			
MACH .154	GP ALPHAW 11.278 .17075 GRADIENT .00000	0(PSF) ALPHA0 35.13942 5.92230 .00000 .00000	.00000 .05915 CF	CD .01876 .00000	CLM .11349 .00000	CY 00086 .00000	CLN .00133 .00000	CSL .00434 .00000	BETA .00000 .00000
		(CA-8) K3.1TS7	115.6.1F20TS4	0165.3.5			(TJF50	1) (07 JI	UN 76 )
	REFERENCE DATA						PARAMETRIC	ΠΔΙΔ	
SREF =	2690.0000 SQ.FT XMRP	c = 1109.0000 IN.XO				ALPHAW =			
LREF = BREF = SCALE =	474.8:00 IN. YMRP 936.6800 IN. ZMRP .0405	2 = .0000 IN.YO				STAB = 10RB = PDFLAP =	4.131 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	. 501/ 0 RN/L =	.00 GRAD	IENT INTERV	AL = -5.0	0/ 5.00			
MACH .155 .155 .154 .153	GP ALPHAW 11.331 4.13130 12.843 4.12436 22.084 4.09739 53.172 4.16301 GRADIENT .00000	0(PSF) ALPHA0 35.22740 9.93493 35.23518 9.92898 35.092:1 9.89922 34.72592 9.94485 .00000 .00000	CL .16513 .15678 .14158 .14311 .00000	CD .02459 .02401 .02293 .02333 .00000	CLM .12070 .12055 .12430 .12432 .00600	CY .00078 00068 00767 01229 .00000	CLN .00056 .00060 .00041 .00030	CSL .90439 .00372 .00215 .00092	BETA .00000 .00000 .00000 .00000
		(CA-8) K3.1157H	15.6.1F20TS40	0165.3.5			(TJF50a	יי די איני	B1 70
	REFERENCE DATA			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					N 76 )
SREF = 2	2690.0000 SQ.FT XMRP	מציאו מממת פמון =					PARAMETRIC	DATA	
LREF =	474.8100 IN. YMPP 936.6800 IN. ZMRP .0405	= .0000 IN.YO				ALPHAW = STAB = 10RB = BOFLAP =	6.158 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO.	. 502/ 0 RN/L =	.00 GRADI	ENT INTERVA	L = -5.00	୦/ 5.ଇଏ			
MACH .154 .155	GP ALPHAW 11.341 6.15817 53.070 6.14929	Q(PSF) ALPHAO 35.08917 11.94933 35.47685 11.04733	CL .23949	CD .03510	CLM .12459	CY 00163	CLN 00029	CSL .00485	BETA .00000

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(CA-8)	K3.1TS7H1	5.6.	1F20T540	165	3.5	
	12 1 1 2 2 1 1 1					

(TJF503) ( 07 JUN 76 )

				0.05.5.5			(10130	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	JOIN 76 7
	REFERENCE DATA						PARAMETRIC	DATA	
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRF 474.8100 IN. YMRF 936.6800 IN. ZMRF .0405	) = .0000 IN.YG			<u>.</u>	ALPHAW = STAB = IORB = BDFLAP =	8.117 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	). 503/ 0 RN/L =	.00 GRAD	IENT INTERVA	L = -5.00/	5.00			
MACH .155 .154 .154 .155	GP ALPHAW 11.340 8.11703 11.653 8.09650 21.041 8.09395 52.506 8.15167 GRADIENT .00000	0(PSF) ALPHA0 35.19766 13.91656 35.17980 13.91454 35.10055 13.91454 35.40848 13.94273 .00000 .00000	CL .31524 .31667 .27714 .26326 .00000	CD .04958 .04961 .04512 .04431 .0000	CLM .12992 .13037 .13693 .14367 .00000	CY .00100 .00741 00472 01325 .00000	CLN 03064 00073 00029 .00052 .00000	CSL .00472 .00538 .00335 .00072 .00000	BETA .00000 .00000 .00000 .00000
		(CA-8) K3.11S7	/H15.6.1F20TS40	0165.3.5			(TJF50	4) (07J	UN 76 )
	REFERENCE DATA						PARAMETRIC	DATA	4 * 11 1
SREF = LREF = BREF = SCALE =	2690.0000 SQ.FT XMRP 474.8100 IN. YMRP 936.6800 IN. ZMRP .0405	= .0000 IN.YO			S 1	LPHAW = TAB = ORB = DFLAP =	10.134 -2.000 8.000 -11.700	RN/L = ELEVTR = ELEVON =	1.090 -23.000 -5.000
	RUN NO	504/ 0 RN/L =	.00 GRADI	IENT INTERVAL	L = -5.00/	5.00			
MACH .154 .154	GP ALPHAW 11.327 10.13416 52.541 10.14988 GRADIENI .0J000	Q(PSF) ALPHA0 35.03753 15.93944 35.17684 15.94757 .00000 .00000	CL .39719 .32438 .00000	CD .07066 .06031 .00000	CLM .13567 .15200 .00000	CY .00555 01448 .00000	CLN 00140 .00052 .00000	CSL .00545 .00003 .00000	BETA .00000 .00000

# (CA-8) K3.1TS7H15.6.1F20TS401G5.3.5

(TJF505) ( 07 JUN 76 )

(TJF506) ( 15 JUN 76 )

				E	A٦	

# PARAMETRIC DATA

SREF = 2690.0000 SQ.FT XMRP = 1109.0000 TN YO	
SREF = 2690.0000 SQ.FT	1.090
BREE = 936 6800 IN 7MOD = 775 0000 IN 70	-23.000
SCALE = .0405 IN. ZMRP = 375.0000 IN.ZO IORB = 8.000 ELEVON =	-5.000
. 300EE 7 200 - 10705 FREE 2 2 200 EARL SALE FEE EARL SALE ALL TO BE ALL TO BE ALL TO BE ALL TO BE ALL TO BE A	

# RUN NO. 505/ 0 RN/L # .00 CRADIENT INTERVAL # -5.00/ 5.00

MACH -155 -155 -153	20.327 12. 23.640 12. 55.123 12.	_PHAW 0(PSF) 11799 35.19894 13657 35.23311 23259 34.53208 10000 .00000	ALPHA0 CL 17.93379 .43938 17.96256 .42102 18.01599 .39694 .00000 .00000	CD .08950 .08689 .08378 .00000	CLM .14803 .15146 .16135 .00000	CY - 00102 - 00419 - 01530 . 00000	CLN 00164 00086 .00058	CSL .00432 .00284 .00026 .00000	BETA .00000 .00000 .00000
------------------------------	----------------------------------------	------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------	--------------------------------------------	---------------------------------------------	------------------------------------------------	---------------------------------	---------------------------------------------	------------------------------------

(CA-8) K3.	1757	F201540165.3.5	

#### PARAMETRIC DATA

SREF	=	2690.0000 SQ.FT	XMRP	=	1109.0000	IN XO		AL DUILL			Division	
LREF	=	474.8100 IN.	YMRP	±	0000			ALPHAW	= .	-111	RN/L =	1.090
BREF	=	936.6800 IN.	ZMRP					10RB	=	8.000	ELEVON =	-5.000
SCALE		0405	ZERF	<b>-</b>	375.0000	IN ZU		BDFLAP	=, -	11.700	GP =	11.000

# RUN NO. 506/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH GP ALPHAW QIPSF	ALPHAO CL	65				
.155 11.277 .11054 35.3166			CY CY	CLN	CSL	BETA
GRADIENT .00000 .0000		.02045 .	11200 .00598	.00175	.00506	.00000
000000000000000000000000000000000000000	00000 .00000	.00000	00000 00000	.00000	.00000	.00000

104 0) 127 1707	. <b></b>		
(CA-8) K3.1TS7	F20TS401G5.3.5	/ T 10001	( 07 "" "" "
	, 201210103.3.3.	(TJF507)	( 07 JUN 76 )

SHEF = 2690.0000 SQ.FT XMRP	= 1109.0000	IN.XO	ALPHAW =	4.088	RN/L = 1.090
LREF = 474.8100 IN. YMRP		IN.YO			
BREF = 936.6800 IN. ZMRP			10RB =		ELEVON = $-5.000$
SCALE = .0405	2,2.0000	114720	BDFLAP =	-11.700	

#### RUN NO. 507/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

.1	H 55 55 54 54	GP 11.331 14.194 22.788 54.002 GRADJENT	ALPHAW 4.08823 4.07457 4.04384 4.23509 .00090	Q(PSF) 35.43596 35.49002 35.00554 34,76722 .00000	ALPHAO CL 9.88732 .17918 9.87939 .16592 9.84170 .14744 10.03834 .14772 .00000 .00300	CD .02642 .02568 .02546 .02610 .00000	CLM .11909 .12107 .12339 .12748 .00000	CY .00424 .00183 00509 00357 .00000	CLN .00039 .00040 .00030 .00031	CSL .00596 .00470 .00261 .00097	BETA .00000 .00000 .00000 .00000
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GRADIENT

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CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K3.1TS7 F20TS401G5.3.5 (TJF508) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XO ALPHAW = RN/L = 1.0906.138 LREF = 474.8100 IN. YMRP = .0000 IN.YO IORB = 8.000 ELEVON \* -5.000 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO BDFLAP = -11.700SCALE = .0405 RUN NO. 508/ 0 .00 GRADIENT INTERVAL = -5.00/ 5.00 RN/L = MACH ALPHAM Q(PSF) ALPHAO CD CLN CL CLM CY CSL BETA . 155 11.341 6.13801 35.36399 .24955 11.93135 .03524 .00438 .12394 -.00030 .00565 .00000 . 154 54.101 6.14705 34.94710 11.93734 .20659 .03400 .13415 -.00919 .00020 .00089 .00000 GRADIENT .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 (CA-8) K3.1T57 F20TS401G5.3.5 (TJF509) ( 07 JUN 76 ) REFERENCE DATA PARAMETRIC DATA SREF = 2690.0000 SQ.FT XMRP = 1109.0000 IN.XOALPHAW = 8.116 RN/L = 1.090 LRSF = 474.8100 IN. YMRP = .0000 IN.YO ICPB = 8.000 ELEVON = -5.000 BREF = 936.5800 IN. ZMRP = 375.0000 IN.ZO BDFLAP = -11.700SCALE = .0405 RUN NO. 509/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH GP ALPHAM Q(PSF) ALPHAO CL CLM CD CY CLN CSL BETA .154 11.340 8.11593 35.08040 13.91253 .32206 .05057 .00547 .12897 -.00096 .00567 .00000 . 154 12.578 8,09589 35.10248 13.91052 .31282 .04943 .12880 .00707 -.00071 .00540 .00000 . 154 22.258 8.07638 34.95220 13.88837 .28218 .04730 .13628 -.00310 -.00027 .00282 .00000 .154 53.670 8.19533 35.12574 13.97898 .27003 .04701 .19206 -.01124 .00036 .00068 .00000

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#### CA-8 - FORCE SOURCE DATA TABULATION

PAGE 950

(CA-8) K1.2H15.6.1F30G5.3.5TS2 (TJF510) ( 07 JUN 76 )

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#### PARAMETRIC DATA

SREF = 2690.0000 SO LREF = 474.8100 IN BREF = 936.6800 IN SCALE = .0405	. YMRP = .	0000 IN.YO		BETA = .000 STAB = -6.000 GP = 65.000	ELEVTR = .000
	RUN NO. 510/ 0	RN/L = .00 GF	RADIENT INTERVAL = -5.0	00/ 5.00	
MACH ALPH .154 .2 .154 .3 .155 3.3 .155 4.2 .154 5.3 .154 6.36 .154 7.3 .154 8.36 .155 10.5 .154 11.4 .154 12.4	94	235	CD CLM 7003 .04791 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146 7003 .04701 .146	20501124 20601124 20601124 20601124 20601124 20601124 20601124 20601124 20601124 20601124 20601124 20601124 20601124	CLN CSL .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068

REPRODUCIBILITY OF THE RIGINAL PAGE IS POOP

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K1.2H15.6.1F3065.3.5TS2

PAGE 951

(TJF511) ( 07 JUN 76 )

# REFERENCE DATA

>XFF =	2690.0000	CO CT					
1		SULF II.	XMRP	= 110	9.0000	TNIVA	
LREF *	474.8100	TNI	William		3.0000	114. YO	
DDCC			YMRP	=	.0000	IN VO	
BREF =	936.6800	TM	7400				
CCALE	950.0000	111	ZMRP	<b>≈</b> 370	5.0000	I SI 70	
SCALE =	0405	description of the second			5.0000	1.4.70	

BETA	1 - 🗨 1	.000	RN/I	*	1.090
STAB		-4.000	ELEVIR	*	.000
GP .	2	65.000			

MACH	AL DUALL			N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
1555555 155555 1555555 1555555 15555 15555 1555 1555	ALPHAW .340 1.263 2.383 3.340 4.373 5.469 6.358 7.414 8.489 9.474 10.453 11.505 12.499 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.05355 35.09369 35.09565 35.08749 35.12277 35.08103 35.12835 35.13169 35.06700 34.98798 35.05265 35.42344 35.10992	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM 14206 14206 14206 14206 14206 14206 14206 14206 14206 14206 14206	CY011240112401124011240112401124011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL -00068 -00068 -00068 -00068 -00068 -00068 -00058 -00068 -00068

PAGE 952

(CA-8) K1.2H15.6.1F30G5.3.5TS2

(TJF512) ( 07 JUN 76 )

## REFERENCE DATA

LREF = BREF = SCALE =	220,0000	IN.	XMRP = YMRP = ZMRP =	1103.0000	IN. YO	BETA = STAB = GP =	.000 -2.000 65.000	RN/L = ELEVTR =	1.090

		RUN NO.	512/ 0 R	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	ALPHAW .293 1.317 2.347 3.300 4.370 5.419 6.501 7.388 8.377 9.399 10.457 11.456 12.459 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.13202 35.20985 35.19541 35.13672 35.12491 35.12709 35.127081 35.17535 35.19780 35.09176 35.18469 35.18753 35.24396 00847	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY0112401124011240112401124011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

DATE 05 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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F30G5.3.5TS2 (CA-8) K1.2

(TUF513) ( 07 JUN 76 )

#### REFERENCE DATA

SREF \* 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. BREF = 936.5800 IN. SCALE = .0405 YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO

1.090 .000 RN/L

PARAMETRIC DATA

65.000

	RUN NO.	513/ 0 FN/L	= .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH ALPHAW .154 .326 .154 1.341 .154 2.452 .154 4.387 .155 5.361 .154 6.363 .154 7.357 .155 8.419 .154 9.417 .155 10.463 .155 11.473 .155 12.455 GRADIENT	00000. 00000. 00000. 00000. 00000. 00000. 00000.	35.09152 35.09557 35.16714 35.13430 35.22659 35.14498 35.15832 35.15832 35.15832 35.15832 35.20236 35.2279 35.24695 35.18892 35.23947	ALPHAO 3.97898 3.97898 3.97898 3.97898 3.97898 3.97898 3.97898 3.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .09000	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY01124011240112401124011240112401124011240112401124011240112401124011240112401124	CLN -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036 -00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

(CA-8) K1.2 TSI (TUF514) ( D7 JUN 76 )

	REFEI	RENCE DA	TA
SREF = LREF =	2690.0000		XMRP YMRP

BREF = 936.6800 IN. SCALE = .0405

= 1109.0000 IN.X0YMRP = .0000 IN.YO ZMRP = 375.0000 IN.ZO BETA GP 65.000

1.090 .000 RN/L

PARAMETRIC DATA

RUN NO. 514/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

MACH ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM CY	CLN	CSL
.155 -1.880	.00000	35.22724	13.97898	.27003	.04701	.1420601124	.00036	.00068
.155 .138	.00000	35.25887	13.97898	.27003	.04701	.1420601124	.00035	.00068
.154 4.187	.00000	35.03207	13.97898	.27003	.04701	.1420601124	.00036	.00058
.155 5.220	-00000	35.23642	13.97698	.27003	.04701	.1420601124	.00036	.00068
.155 6.242	-00000	35.24570	13.97898	.27003	.04701	.1420601124	.00036	.00068
.155 7.248	.00000	35.23131	13.97898	.27003	.04701	.1420601124	.00036	.00068
.155 8.267	.00000	35.15472	13.97898	.27003	.04701	.1420601124	.00036	.00068
.155 9.248	.00000	35.22562	13.97898	.27003	.04701	.1420601124	.00036	.00068
.155 10.300	.00000	35.16013	13.97898	.27003	.04701	.1420601124	.00036	.00068
.154 11.292	.00000	35.07180	13.97898	.27003	.04701	,1420601124	.00036	.00068
.154 12.337	.00000	35.07384	13.97898	.27003	.04701	.1420601124	.00035	.00068
GRADIENT	.00000	03559	00000	00000	.00000	.0000000000	.00000	.00000

(CA-8) K1.2 TSI (TJF515) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO474.8100 IN. YMRP = .0000 IN.YO BREF = ZMRP = 375,0000 IN.ZO 936.6800 IN. SCALE = , C4 05

PARAMETRIC DATA

BETA .000 RN/L 1.090 GP 87.000

RUN NO. 515/		max		20101517	****		
RUN NU. 111/	11	RNZI	= 1111	GRAILLENI	INITHIVAL =	~5.11117	יווו כ

MAC	Н	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	(	D	CLM	CY	CLN	CSL
1	54	8.257	.00000	35.12181	13,97898	.27003		04701	.14206	01124	.00036	.00058
. 1	55	9.285	.00000	35.20801	13.97898	.27003		04701	.14205	01124	.00036	.00068
	55	10.315	.00000	35.17497	13.97898	.27003		04701	. 14206	01124	.00036	.00068
	55	11.289	.00000	35.18529	13.97898	.27003	. 197	04701	.14206	01124	.00036	.00068
1	55	12.321	.00000	35.25414	13.97898	.27003		04701	.14206	01124	.00036	.0068
	(	GRADIENT	.00000	.00000	.00000	.00000	٠.	00000	.00000	.00000	.00000	.00000

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(CA-8) KI.2 TS1

(TJF516) ( 07 JUN 76 )

#### REFERENCE DATA

SREF ± 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO LREF = 474.8100 IN. YMRP = .0000 IN.YO BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZC SCALE = .0405

## PARAMETRIC DATA

BETA = .000 RN/L = 1.090 GP = 45.000

	RUN NO.	516/ 0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH ALPHAW .155 .146 .155 1.167 .155 2.172 .155 3.187 .155 4.185 .155 5.218 .155 6.224 .154 7.230 .154 9.261 .154 10.299 .155 11.274 .155 12.320 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.19509 35.21609 35.26023 35.27707 35.31840 35.24356 35.18029 35.06847 35.12204 35.12265 35.12065 35.17074 35.21696	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY01124011240112401124011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

## (CA-8) K1.2H15.ITS1

(TJF517) ( 07 JUN 76 )

# REFERENCE DATA

#### PARAMETRIC DATA

SREF = LREF = BREF =	2690.0000 474.8100 936.6800	IN.	XMRP YMRP ZMRP	= = =	1109.0000 .0000 375.0000	IN.YO				BETA STAB GP	= = =	.000 -2.000 45.000	RN/L ELEVTR	<b>=</b> ,	1.090
SCALE =	.0405														

			RUN NO.	517/ 0	RN/L = .00	GRADIEN	T INTERVAL =	-5.00/	5.00		
				3		ONABIEN	THIENTE -	3.007	3.00		
	MACH	ALPHAW	BETA	O(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
	. 155	.137	.00000	35,22009	13.97898	.27003	.04701	.14206	01124	.00036	.00068
	. 155	1.128	.00000	35.23345	13.97898	.27003	.04701	.14206	01124	.00036	.00068
	. 155	2.148	.00000	35.23881	13.97898	.27003	.04701	.14206	01124	.00036	.00068
	. 155	3.201	.00000	35.19844	13.97898	.27003	.04701	.14206	01124	.00036	.00058
	. 155	4.219	.00000	35.26457		.27003	.04701	.14206	01124	.00036	.00058
	. 154	5.235	.00000	35.06920		.27003	.04701	.14206	01124	,00035	.00058
	. 155	6.282	.00000	35.15992		.27003	04701	.14206	01124	.00036	.00068
21.5%	.155	7.282	.00000	35.18785		.27003	-04701	.14206	01124	.00036	.00068
	.155	8,306	,00000	35,17097		.27003	.04701	.14206	01124	.00036	.00058
	.155	9.269	.00000	35.25062		.27003	.94701	.14205	01124	.00036	.00068
	. 155	10.301	.00000	35,26083		.27003	.04701	.14206	01124	.00036	.00058
	. 155	11.303	.00000	35.25845	, , , , , , , , , ,	.27003	.04701	.14206	01124	.00036	.00068
	.155	12.277	.00000	35.41661	,	.27003	.04701	.14206	01124	.00036	.00069
		GRADIENT	.00000	.00521	.00000	.00000	.00000	.00000	-00000	.00000	00000

(CA-8) K1.2H15.1TS1

RUN NO. 518/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

(TJF518) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690,0000 SQ.FT. XMRP	= 1109.0000	IN.XO	BETA =	.000	FN/L =	1.090
LREF = 474.8100 IN. YMRP		IN.YO	STAB =		ELEVIR =	.000
BREF = 935.6800 IN. ZMRP	= 375.0000	IN.20	GP =	87.000		
SCALE = OLOS				0		

								3.30		
MACH	ALPHAH	BETA	O(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 155	€.275	.00000	35.18869	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 155	ଓ. 260	.00000	35.20471	13.97898	.27003	04701	.14206	01124	.00036	.00058
.155	10.305	.00000	35.18079	13.97898	.27003	.04701	. 14206	01124	.00036	.00068
. 154	11.291	.00000	35.14335	13.97898	.27003	.04701	. 14206	01124	.00036	.00059
. 155	12.293	_00000	35.21351	13.97898	.27003	.04701	.14205	01124	.00035	00068
	GRADIENT	กกกกก	00000	nnnnn	00000	canno	00000	CCCOO	00000	nnonn

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9,284

10.339

11.300

12.341

GRADIENT

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35.17828 35.14784

35.176+2 35.06155

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#### (CA-8) K1.2H15.ITSI

13.97898

13.97892

13.97898

13.97838

13.97898

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(TJF519) ( 07 JUN 76 )

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#### PARAMETRIC DATA

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SREF = 2690.0000 SQ.FT. XMRP LREF = 474.8100 IN. YMRP BREF = 936.6800 IN. ZMRP SCALE = .0405	* 1109.0000 IN.XO = .0000 IN.YO = 375.0000 IN.ZO			.000 RN/L = 1.090 2.000 ELEVIR = .000 5.000
RUN NO.	519/ 0 RN/L = .00	GRADIENT INTERVAL .	-5.00/ 5.00	
MACH ALPHAW BETA .155	0 35.22763 13.97898 0 35.11621 13.97898 0 35.12922 13.97898 0 35.18249 13.97898 0 55.21629 13.97898 0 35.14121 13.97898 0 35.13950 13.97898	.27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701	CLM CY .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124 .1420601124	CLN CSL .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068
	(CA-8) K1.2H15.1TS1			(TJF520) ( 07 JUN 76 )
REFERENCE DATA			PARA	METRIC DATA
DOFF	= 1109.0000 IN.XO = .0000 IN.YO = 375.C300 IN.ZO		BETA = STAB =	.000 RN/L = 1.090 .000 ELEVIR = .000
RUN NO.	520/ 0 RN/L = .00	GRADIENT INTERVAL =	~5.00/ 5 <b>.</b> 00	
MACH ALFHAW BETA .155 4.203 .00000 .154 5.244 .00000 .154 6.283 .00000 .154 7.254 .00000 .154 8.275 .00000	35.27639 13.97898 35.09259 13.97898 34.84689 13.97899 35.09725 13.97898	CL CD ( .27003 .04701 .27003 .04701 .27003 .04701 .27003 .04701	CLM CY .1+20601124 .1+20601124 .1+20601124	CLN CSL .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068

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# CA-8 - FORCE SOURCE DATA TABULATION

PAGE 95

#### (CA-8) K1.2H15.1TS1

(TUF521) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF * 2690.0000 SQ.FT. XMRP * 1109.0000 IN XO		
	BETA = .000	RN/L = 1.090
LREF = 474.8100 IN. YMRP = ,0000 IN.YO		
	STAB = -4.000	ELEVTR = .000
	GP = 65.000	
는 SCALE '♥ 이 되는, 10405'의 점점 하는 사람들은 전환 경험을 가장 경험을 하는 것이 되는 것이 되었다. 그 없는 사람들은 사람들은 사람들은 다른 사람들은 다른 사람들은 다른 사람들은 사람들은 다른 사람들은 사람들은 사람들은 사람들은 다른 사람들은 다른 사람들은 다른 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	03.000	

		RUN NO.	521/0 R	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH . 155 . 155 . 154 . 155 . 155 . 154 . 155 . 155	ALPHAW 4.210 5.199 6.226 7.238 8.286 9.262 10.292 11.297 12.319 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000	Q(PSF) 35.18620 35.20423 35.11639 35.16658 35.18774 35.14573 35.13113 35.20856 35.24397	AL PHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY 01124 01124 01124 01124 01124 01124 01124 01124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068
	OWADIEMI	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

#### (CA-8) K1.2H15.ITS1 (INVERTED)

(TJF522) ( 07 JUN 76 )

#### REFERENCE DATA

		요즘 하는 사람들은 그는 그들은 사람들이 아름다면 하는 것이 되었습니다. 그는 사람들은 사람들은 사람들은 전문을 하는 것이다. 그는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
SREF = 2690.0000 SQ.FT. X	MRP = 1109.0000	- 실험 (GA) 발생 이 한 사람들이 가지 않는데 한 경우를 가면 하는데 보고 싶습니다. 이 가는데 살아왔다는데 하는데 하는데 되었다.
		1N.XO BETA = .000 RN/L = 1.690
LREF = 474.8100 IN. YI	MRP = nnon	THE NAME OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PA
	MRP = 375.0000	- IN-ZO
5CALE = .0405		. ^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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		人名英克萨克森格兰 网络大花 人名英格兰 人名英格兰人姓氏格特 医二种溶液 医二氏征 医二种原因 计算法 人名法格兰 医二氏管 化二氯甲基酚 化二氯甲基酚
그 그는 그 가는 그의 작업이 가는 가는 그리고 있다. 그는 그들을 하게 하고 있는 모양하는 모양		这种种类型的,他们就通过,就是有一种的一种,这种种种种的一种,这种种种种种,也是一种种的一种,也是一种的一种种的一种,也是一种的一种,也是一种种种种的一种,这种

		RUN NO.	522/ 0 R	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
. 154	3.030	.00000	34.89915	13.97898	.27003	.04701	.14206	01124	.00036	.00068
- 155	4.082	.00000	35.15230	13.97898	.27003	.04701	.14206	01124	.00036	.00059
. 155	5.069	.00000	35.12724	13.97898	.27003	.04701	.14206	01124	.00036	.00068
155	6.068	.00000	35.05611	13.97898	.27003	.04701	.14206	01124	.00036	.00068
.154	7.076	.00000	34.94342	13.97898	.27003	.04701	.14706	01124	-00035	.00668
. 155 . 155	8.144	.00000	35.22451	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 155	9.151	.00000	35.14043	13.97898	-27003	.04701	.14206	01124	.00036	.00068
.155	10.146 11.158	.00000	35.20270	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 155	12.177	.00000	35.20675 35.20213	13.97898	.27003	-04701	.14206	01124	.00036	.00068
• •	GRADIENT	.00000	.24063	13.97898 .00000	.27003 .00000	.04701	.14206	01124	.00036	.00068
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CA-8 - FORCE SOURCE DATA TABULATION

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# (CA-8) K1.2H15.1TSI (INVERTED)

# (TJF523) ( 07 JUN 76 )

#### REFERENCE DATA

SREF	= 2690.0000 SQ.F1	XMRP =	1109.0000 IN.XO
LREF	= 474.8100 IN.	YMRP =	
BREF		ZMRP =	.0000 IN.YO
SCALE	220,0003 111,	ZriftP =	375.0000 IN.ZO

BETA	=	.000	RN/L =	1.09
STAB	=		FLEVTR =	nn

PARAMETRIC DATA

		HON NO.	2537 0 KN/L = .0	GRADIENT	INTERVAL = -5.00	/ 5.00		
MACH .155 .155 .155 .154 .154 .155 .155 .155	ALPHAW 3.014 4.031 5.068 6.003 7.035 8.043 9.030 10.019 11.144 12.023 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	35.19226 13.97898 35.06163 13.97898 34.95552 13.97898 34.88716 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD CLM .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200 .04701 .14200	01124 01124 01124 01124 01124 01124 01124 01124	CLN - 00036 - 00036 - 00036 - 00036 - 00036 - 00036 - 00036 - 00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068

(CA-8) K1.2H15.ITS1 (INVERTED)

(TJF524) ( 07 JUN 76 )

### REFERENCE DATA

SPEF	= 26	90.0000	SO FT	XMRP	- 110	0000	111 110
LREF		74.8100		YMRP		9.0000	1
BREF		36.6800			Ī.,	.0000	
SCALE		.0405		ZMRP	- 3 <i>i</i>	5.0000	IN.ZO

BETA	=	.000	RN/L	=	1	.090
STAB	=	-2.000	ELEVTR	=	100	.000
GP	=	87.000				

		RUN NO.	524/0 R	N/L = .00	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH .155 .154 .155 .155 .155 .155 .154 .155 .155	ALPHAW 047 .965 !.885 !.885 5.019 6.001 6.963 8.074 9.120 9.998 !1.102 12.069 0RADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.18596 34.91249 35.02462 35.16274 35.15525 35.06452 35.13240 34.92344 35.12067 35.25971 35.23498 35.19697	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .00000	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY0112401124011240112401124011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

PAGE 960

# (CA-8) K1.2H15.1TS1 (INVERTED)

#### (TJF525) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SREF =	2500 0000	66 65					CHILD DATA	
	2690.0000	SULFI. XMRP	= 1109.0000	TN VO				
LREF =	474.8100	IN VHOD			BETA	_	070 miles	
			= .0000	IN. YO		v. <del>T</del>	.030 RN/L	= 1.090
BREF =	936.6800	IN. ZMRP			STAB	=	.000 ELEVTR	
SCALE =			= 375.0000	IN.ZO				000
DUALE =	.0405				GP .	= 65	5.000	

			שר אי עו	V/L = .UU	GRADIENT	INTERVAL	= -5.00/	5.00		
MACH . 155 . 154 . 155 . 155 . 155 . 155 . 155 . 155 . 155	ALPHAW 3.029 3.906 5.006 6.000 7.120 8.035 9.059 10.113 11.061 12.129 RADIENT	BETA .03000 .03000 .03000 .03000 .04000 .04000 .04000 .04000 .04000	0(PSF) 35.06263 34.94003 35.08018 34.91963 35.05382 35.26312 35.26068 35.18735 35.19712 35.15459 13980	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .00000	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

# (CA-B) KI.2 TSI (INVERTED)

(TJF526) ( 07 JUN 76 )

## REFERENCE DATA

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BETA =	000	
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	RUN NO. 526/ 0	RN/L = .00	GRADIENT I	NTERVAL = -5	5.00/ 5.00		
MACH ALPHAW .154 7.095 .155 8.105 .155 9.015 .155 10.083 .155 11.105 .155 12.080 GRADIENT	BETA Q(PSF) .00000 34.91459 .00000 35.03422 .00000 35.12950 .00000 35.08333 .00000 35.04669 .00000 35.08000 .00000 .00000	13.97898 13.97898 13.97898	.27003 .27003 .27003 .27003 .27003	.04701 .1 .04701 .1 .04701 .1 .04701 .1	M CY 420601124 420601124 420601124 420601124 420601124 42060124	.0036 .0036 .0036 .0036 .0036	CSL .00068 .00068 .00068 .00068 .00068

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#### CA-8 - FORCE SOURCE DATA TABULATION

(CA-8) K1.2 TSI (INVERTED)

(TJF527) ( 07 JUN 76 )

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REFE	RENCE	DATA
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SREF = 2690.0000 SQ.FT. XMRP = 1109.0000 IN.X0 LREF = 474.8100 IN. YMRP = .0000 IN.Y0 BREF = 936.6800 IN. ZMRP = 375.0000 IN.ZO SCALE = .0405 PARAMETRIC DATA

BETA = .000 RN/L = 1.090
GP = 65.000

RUN NO. 527/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 .00 MACH ALPHAW BETA O(PSF) **ALPHAO** CD CLM. CLN .155 2.958 .00000 35.03711 13.97898 .27003 .04701 .14206 -.01124 .00036 .154 3.961 .00000 34,92312 13.97898 .27003 .04701 .14206 -.01124 .00035 .154 5.036 .00000 34,87945 .27003 13.97898 .04701 .14206 -.01124 .00036 . 155 6.015 .00000 35.03737 13.97898 .27003 .04701 .14206 -.01124 .00036 .155 7.031 .00000 35.14386 .27003 13.97898 .04701 .14206 -.01124 .00036 .155 8.126 35.22279 .00000 13.97898 .27003 .04701 .14206 -.01124 .00036 35.23544 , 155 9.045 .00000 13.97898 .27003 .04701 .14206 -.01124 .00036 .155 10.022 .00000 35.23766 13.97898 .27003 .04701 .14206 -.01124 .00036 .155 11.151 .00000 35.18616 13.97998 .27003 .04701 .14206 -.01124 .00036

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(CA-8) K1.2 TSI (INVERTED)

13,97898

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(TJF528) ( 07 JUN 76 )

RN/L

.00036

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PARAMETRIC DATA

#### REFERENCE DATA

12.122

GRADIENT

SREF 2690.0000 SQ.FT. XMRP 1109.0000 IN.XO = LREF = 474.8100 IN. YMRP .0000 IN.YO BREF = 936.6800 IN. ZMRP 375.0000 IN.ZO SCALE = .0405

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BETA = .000 GP = 87.000

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RUN NO. 528/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00

					August 1997					
MACH	ALPHAN	BETA	Q(PSF)	ALPHAO	CL	CD	CLM	CY	CLN	CSL
.155	049	.00000	34.98914	13.97898	.27003	.04701	.14206	01124	.00035	.00068
. 155	1.031	.00000	35.32740	13.97898	.27003	.04701	.14206	01124	.00036	.00068
155	2.058	.00000	34.99799	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 155	3.067	.00000	35.05388	13.97898	.27003	.04701	.14206	01124	.00036	.00068
155	4.094	.00000	35.10337	13.97898	.27003	04701	.14205	01124	.00036	.00068
.155	5.112	.00000	35.14249	13.97898	.27003	.04701	.14206	01124	.00036	.00008
.155	6.024	.00000	35.03018	13,97898	 .27073	.04701	.14206	01124	.00036	.00068
.155	7.072	.00000	35.09025	13.97898	.27003	.04701				
. 155	8.069	.00000		, , - , - ,			.14206	01124	.00036	.00068
			35.15219	13.97898	.27003	.04701	.14206	01124	.00036	.00068
.155	8.989	.00000	35.07330	13.97698	.27003	.04701	.14206	01124	.00036	.00068
. 155	10.110	.00000	35.12719	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 155	11.123	.00000	34.98255	13.97898	.27003	.04701	 .14206	01124	.00036	.00068
. 155	12.137	.00000	35.09097	13,97898	.27003	04701	.14206	01124	.00035	.00068
	GRADIENT	.00000	90377	.00000	.00000					
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PAGE 962

					PAGE 962	
하는 한 기술병에 되었다. [12] 그리고 있다.	(CA-8) K1	.2 TS2F30 (INVE	RTED)		(TJF529)	07 JUN 76 )
REFERENCE D	PATA				PARAMETRIC DATA	
SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 935.6800 IN. SCALE = .0405	XMRP = 1109.0000 II YMRP = .0000 II ZMRP = 375.0000 II	N. YO		BETA ≈ GP =	.000 RN/L 65.000	• 1.090
	RUN NO. 529/ 0 RN/L	= .00 GRADIE	NT INTERVAL =	-5.00/ 5.00		
MACH ALPHAW -155 3.198 -155 4.240 -154 5.261 -155 6.287 -155 7.274 -155 8.345 -155 9.233 -155 10.296 -155 11.269 -155 12.225 -156 GRADIENT	.00000 35.01809 1 .00000 34.95654 1 .00000 35.08374 1 .00000 35.09540 1 .00000 35.15968 1 .00000 35.10115 1 .00000 35.08501 1 .00000 34.98990 1 .0000002254	ALPHAO CL 13.97898 .27003 13.97898 .27003 13.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003	.04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM CY .142060112 .142060112 .142060112 .142060112 .142060112 .142060112 .142060112 .142060112 .142060112 .142060112 .142060112	24 .00036 24 .00036 24 .00036 24 .00036 24 .00036 24 .00036 24 .00036 24 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068
		2 TS2F30 (INVER	TEDI		(TJF5301 (	07 JUN 76 1
REFERENCE DA	ITA			<b>.</b>	ARAMETRIC DATA	
SREF = 2690.0000 SQ.FT. LREF = 474.8100 IN. BREF = 936.6800 IN. SCALE = .0405	XMRP = 1109.0000 IN YMRP = .0000 IN ZMRP = 375.0000 IN	YO.		BETA = GP =	.000 RN/L 87.000	= 1.090
실 현재 (급) 15 - 로르프트 (급) 10 - 12 전기들은 발표 12 - 12 12 12 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	RUN NO. 530/ 0 RN/L	= .00 GRADIEN	ST INTERVAL = -	5.00/ 5.00		
MACH ALPHAW .155 .179 .154 1.135 .155 2.239 .155 3.161 .155 4.169 .155 5.319 .155 6.169 .155 6.169 .155 8.338 .154 9.300 .156 10.313 .155 11.339 .155 12.313 GRADIENT	.00000 35.24062 13.00000 34.90961 13.00000 35.23468 13.00000 35.12281 13.00000 35.12281 13.00000 35.12980 13.00000 35.02067 13.00000 35.01705 13.00000 35.43446 13.00000 35.21032 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.00000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19335 13.000000 35.19300 13.000000 35.1900000 35.1900000 35.1900000 35.1900000 35.1900000 35.19000000 35.19000000 35.19000000000000000000000000000000000000	ALPHAO CL 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003 3.97898 .27003	.04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	_M	.00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068

DATE 06 JUL 76 CA-B - FORCE SOURCE DATA TABULATION PAGE 963 (CA-8) K1.2H15.1152F30 (INVERTED) REFERENCE DATA (TJF531) ( 97 JUN 76 ) SREF 2690.0000 SQ.FT. PARAMETRIC DATA XMRP = 1109.0000 IN.XO LREF 474.8100 IN. .0000 IN.YO 375.0000 IN.ZO YMRP BETA BREF = .000 936.6800 IN. RN/L = ZMRP SCALE = STAB .0405 -2.000 ELEVIR = . 000 65.000 RUN NO. 531/ 0 RN/L = .00 GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW BETA Q(PSF) ALPHAO - 155 3.218 CL .00000 CD 35.28066 .27003 .27003 .27003 .27003 .27003 .27003 .27003 13.97898 CLM CY . 155 14206 .14206 .14206 .14206 .14206 CLN 4.134 .04701 CSL .00000 -.01124 35.20792 13.97898 . 155 .00036 5.225 .00068 .00000 .04701 35.16632 -.01124 13.97898 .155 .00036 6.319 .00068 .00000 -04701 35.11450 -.01124 .00036 .154 13.97898 7.246 .00068 .00000 .04701 34.97325 -.01124 .00068 .00068 .00068 .00068 .00068 . 154 13,97398 8.156 .00000 .04701 34.95090 13.97898 -.01124 .155 .00036 9.389 .00000 .04701 35.05263 -.01124 13.97898 .155 10.242 -04701 .00000 35,02911 .14206 13.97898 .27003 .27003 .27003 -.01124 . 154 11.225 .00036 .14206 .14206 .14206 .00000 .04701 .00000 34.97616 -.01124 12.326 GRADIENT 13.97898 . 155 .00036 .04701 .00000 35.01792 -.01124 13.97898 .00036 .00000 .04701 -.07941 .00000 -.01124 .00036 .00000 .00000 .00000 -.00000 .00000 (CA-8) K1.2H15.1TS2F30 (INVERTED) REFERENCE DATA (TJF532) [ 07 JUN 76 ] SREF 2690.0000 SQ.FT. XMRP = 1109.0000 IN.XO PARAMETRIC DATA LPEF 474.8100 IN. YMRP = OY.NI 00CO. BETA BREF . 936.6800 IN. . 000 RN/L = ZMRP = 375.0000 IN.ZO SCALE = STAB -2.000 ELEVTR = .000 87.000 RUN NO. 532/ 0 RN/L = GRADIENT INTERVAL = -5.00/ 5.00 MACH ALPHAW ALPHA0 13.97898 13.97898 13.97898 13.97898 13.97898 BETA Q(PSF) . 155 .170 35.11479 34.79632 35.07005 35.09649 .00000 CLM .27003 .27003 .27003 .27003 .154 CY CLN 1.131 CSL .00000 .04701 .14206 - 155 -.01124 .00036 2.165 .00068 .00000 .04701 .14206 -.01124 . 155 .00036 3.169 .04701 .00068 .00000 -.01124 -.01124 . 155 .00036 4.237 .00068 .00000 .04701 35.15192 . 14206 . 155 .00036 5.252 .00000 .94701 .00068 35.10707 .14206 -.01124 - 155 .00036

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# (CA-8) K1.2H15.1TS2F30 (INVERTED)

(TJF533) ( 07 JUN 76 )

#### REFERENCE DATA

#### PARAMETRIC DATA

SMEF = 2690,0000 SQ.FT. XMRP =	1109.0000	ו אי אס				
LREF = 474.8100 IN. YMRP =			1.	BETA = .000	RN/L =	1.090
Done - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Garage - Land Gara		) IN.YO				
	375.0000	) IN 70		1,000	ELEVTR =	.000
SCALE = .0405				GP = 65.000		
그는 점심 이 물리는 이 그를 토막하는데 하는데 뭐라고를 받는다. 그는 그는 이 나는 말로 나는 것이다.		그렇게 하는 하는 사람들이 되었다면 하는 사람들이 되었다. 그 사람들이 되었다. 그 사람들이 되었다.				

		GRADIENT	INTERVAL =	-5.00/	5.00	
MACH ALPHAW .155 3.141 .155 4.206 .155 5.268 .155 6.257 .155 7.216 .155 8.313 .155 9.334 .155 10.338 .155 11.242 .155 12.256 GRADIENT	BETA Q(PSF) ALPHAO .00000 35.22581 13.97898 .00000 34.98912 13.97898 .00000 35.27457 13.97898 .00000 35.14696 13.97898 .00000 35.12172 13.97898 .00000 35.12172 13.97898 .00000 35.12175 13.97898 .00000 35.11475 13.97898 .00000 35.07239 13.97898 .00000 35.05386 13.97898 .00000 34.99480 13.97898 .0000022224 .00000	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY 01124 01124 01124 01124 01124 01124 01124 01124 01124 01124	CLN CSL .00036 .00068 .00056 .00056 .00068 .00068 .00068 .00068 .00056 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .00056 .000056 .00000 .00000

# (CA-8) K1.2H15.1TS2F30 (INVERTED)

(TJF534) ( 07 JUN 76 )

#### REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP	1109.0000 IN.XO		
LUCE - 474,8100 IN. YMRP :	.0000 IN YO	BETA = .000	RN/L = 1.090
BREF = 936.6800 IN. ZMRP	375.0000 IN.ZO		ELEVTR = .000
SCALE = .0405		GP = 87.000	

		RUN NO. 534/ 0 F	N/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00	
MACH .155 .154 .155 .155 .155 .155 .155 .155	ALPHAW .107 1.181 2.151 3.231 4.100 5.250 6.160 7.241 8.317 9.299 10.286 11.354 12.381 GRADIENT	BETA 0(PSF) .00000 35.14962 .00000 34.94798 .00000 35.15066 .00000 35.22284 .00000 35.22284 .00000 35.20051 .00000 35.16192 .00000 35.18438 .00000 35.18787 .00000 35.19240 .00000 35.19240 .00000 35.19240	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .0+701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .1+206 .1+206 .1+206 .1+206 .1+206 .1+206 .1+206 .1+206 .1+206 .1+206 .1+206	CY0112401124011240112401124011240112401124011240112401124011240112401124010000	CLN CSL .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068 .00036 .00068

DATE 06 JUL 76 CA-8 - FORCE SOURCE DATA TABULATION

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## (CA-8) K1.2H15.6.1F3DTS4 (INVERTED)

(TUF535) ( 07 JUN 76 )

REFERENCE DATA PARAMETRIC DATA

	2690.0000 SQ.FT.	XMRP =	1109.0000	IN.XO	BE1	A =	.000	RN/L =	1.090
LREF =	474.8100 IN.	YMRP =	.0000	IN.YO	STA			ELEVTR =	.000
BREF =	936.6800 IN.	ZMRP =	375.0000	IN.ZO	GP		87.000		.000
SCALE =	.0405						0.1000		

		RUN NO.	535/ 0 F	RN/L = .00	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH	ALPHAW	BETA	Q(PSF)	ALPHA0	CL	CD	CLM	CY	CLN	CSL
. 155	-111	.00000	35.19751	13.97898	.27003	.04701	.14206	01124	.00036	.00068
. 154	1.208	.00000	34.85370	13.97898	.27003	.04701	.14206	01124	.00035	.00068
.155	2.145	.00000	34.97260	13.97898	.27003	.04701	.14206	01124	.00036	.00068
.155	3.050	.00000	35.35006	13.97898	.27003	.04701	. 147'06	01124	.00036	.00068
.155	4.169	.00000	34.99555	13.97898	.27003	.04701	. 142'06	01124	.00036	.00068
. 155	5.274	.00000	35.27515	13.97898	.27003	.04701	.14206	01124	.00036	.00058
. 155	6.270	.00000	35.25008	13.97898	.27003	-04701	.142'05	- 01124	.00036	.00058
- 155	7.274	.00000	35,14056	13.97898	.27003	.04701	.14205	01124	.00036	.00068
. 155	8.273	.00000	35.14471	13.97698	.27003	.04701	.14296	01124	.00036	.00068
- 155	9.262	-00000	35.09811	13.97898	.27003	.04701	. 14206	01124	.00036	00068
. 155	10.276	.00000	34.97481	13.97898	.27003	.04701	. 14206	01124	.00036	.00068
. 154	11.376	.00000	34.82805	13.97898	.27003	.04701	.14206	01124	.00036	.00058
.155	12.294	.00000	35.17552	13.97898	.27003	.04701	.14206	01124	.00036	.06968
	GRADIENT	.00000	.00493	.00000	.00000	.00000	.00000	.00000	.00000	00000

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# (CA-8) K1.2H15.6, 1F30T54 (INVERTED)

(TJF536) ( 07 JUN 76 )

#### REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	= 1	1109.0000	IN VO							
LREF	, <b>=</b>	474.8100		YMRP	_		IN. YO			BETA	=	.000	RN/L =	1.090
BREF	=	936.6800	IN.	ZMRP	-					STAB	<b>*</b>	-4.000	ELEVTR =	
SCALE	=	.0405		4,11,11	-	373.0000	IN.ZO			GP	= 1	87.000		
1.0							e a de la compa							

		51111								
		RUN NO.	536/ 0 R	N/L = .0(	GRADIENT	INTERVAL =	-5.00/	5.00		
MACH - 156 - 157 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155 - 155	ALPHAW .129 1.132 2.079 3.277 4.145 5.168 6.245 7.212 8.181 9.238 10.335 11.257 12.262 GRADIENT	BETA .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000 .00000	0(PSF) 35.50093 35.00890 34.91797 34.98807 35.14371 35.10215 36.03547 35.15631 35.1513 35.06642 34.99908 35.10191 07167	ALPHAO 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898 13.97898	CL .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003 .27003	CD .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701 .04701	CLM .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206 .14206	CY0112401124011240112401124011240112401124011240112401124011240112401124	CLN .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036 .00036	CSL .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068 .00068